EVS Teataja

Avaldatud 15.08.2023

Uued Eesti standardid

Standardikavandite **arvamusküsitlus**

Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

Standardite **tõlked kommenteerimisel**

Uued harmoneeritud standardid

Standardipealkirjade muutmine

Uued eestikeelsed standardid

Ilmub alates 1993. aastast

ISSN 2806-1802

SISUKORD

UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

CWA 18017:2023

Management of forest fire incidents - SITAC-based symbology

This document proposes a set of standardized symbols to be agreed upon and adopted by the responsible public safety agencies and more specifically by the organizations involved in wildfire management in an optimally coordinated approach (particularly when considering a cross border context). Such symbology will enable the visual communication of the operational and field information that fire commanders exchange during firefighting operations, displayed on a geographical background, to effectively support the coordination and planning of the response activities. Hence, adopting such symbology will expectedly improve the understanding of the situation by the involved agencies, based on a common visualization approach concerning the information sharing among field actors from different countries, jointly operating in the theatre. The set of symbols encompassed the characteristics of the area of operations, the propagation of the fire front, the intervention measures/available equipment and the actions that need to be taken. The symbology proposed in this document is based on SITAC, a set of symbols developed by the French Fire Service (Sapeur Pompiers), which is currently operationally adopted by the "Corpo Nazionale dei Vigili del Fuoco (CNVVF)" in Italy and a number of other fire services in EU Member States.

Keel: en
Alusdokumendid: CWA 18017:2023

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

EVS-EN 17229-2:2023

Fitness centres - Requirements for centre amenities and operation - Part 2: Requirements for supervision and staff

This document specifies requirements for the supervision and staffing, necessary to protect the health, safety and welfare of users, staff and contractors across a wide range of fitness centres as specified in EN 17229. This document specifies the essential skills required from operational staff and fitness staff who have a responsibility for the supervision of their users, staff and contractors using and working in their fitness centres. This document applies in conjunction with, and in addition to EN 17229. This document cannot be used separately from EN 17229. NOTE National occupational health and safety rules and regulations are not affected by this document.

Keel: en
Alusdokumendid: EN 17229-2:2023

EVS-EN ISO/IEC 27001:2023

Information security, cybersecurity and privacy protection - Information security management systems - Requirements (ISO/IEC 27001:2022)

This document specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization. This document also includes requirements for the assessment and treatment of information security risks tailored to the needs of the organization. The requirements set out in this document are generic and are intended to be applicable to all organizations, regardless of type, size or nature. Excluding any of the requirements specified in Clauses 4 to 10 is not acceptable when an organization claims conformity to this document.

Keel: en
Alusdokumendid: ISO/IEC 27001:2022; EN ISO/IEC 27001:2023
Asendab dokumenti: EVS-EN ISO/IEC 27001:2017

11 TERVISEHOOLDUS

EVS-EN ISO 10993-18:2020/A1:2023

Meditsiiniseadmete bioloogiline hindamine. Osa 18: Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis. Muudatus 1: Määramatusteguri leidmine
Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor (ISO 10993-18:2020/Amd 1:2022)

Amendment to EN ISO 10993-18:2020

Keel: en
Alusdokumendid: ISO 10993-18:2020/Amd 1:2022; EN ISO 10993-18:2020/A1:2023
Muudab dokumenti: EVS-EN ISO 10993-18:2020

EVS-EN ISO 10993-18:2020+A1:2023

Meditsiiniseadmete bioloogiline hindamine. Osa 18: Meditsiiniseadme materjalide keemiline iseloomustamine riskihaldusprotsessis

Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process (ISO 10993-18:2020 + ISO 10993-18:2020/Amd 1:2022)

This document specifies a framework for the identification, and if necessary, quantification of constituents of a medical device, allowing the identification of biological hazards and the estimation and control of biological risks from material constituents, using a generally stepwise approach to the chemical characterization which can include one or more of the following: — the identification of its materials of construction (medical device configuration); — the characterization of the materials of construction via the identification and quantification of their chemical constituents (material composition); — the characterization of the medical device for chemical substances that were introduced during manufacturing (e.g. mould release agents, process contaminants, sterilization residues); — the estimation (using laboratory extraction conditions) of the potential of the medical device, or its materials of construction, to release chemical substances under clinical use conditions (extractables); — the measurement of chemical substances released from a medical device under its clinical conditions of use (leachables). This document can also be used for chemical characterization (e.g. the identification and/or quantification) of degradation products. Information on other aspects of degradation assessment are covered in ISO 10993-9, ISO 10993-13, ISO 10993-14 and ISO 10993-15. The ISO 10993 series is applicable when the material or medical device has direct or indirect body contact (see ISO 10993-1 for categorization by nature of body contact). This document is intended for suppliers of materials and manufacturers of medical devices, to support a biological evaluation.

Keel: en
Alusdokumendid: ISO 10993-18:2020; EN ISO 10993-18:2020; ISO 10993-18:2020/Amd 1:2022; EN ISO 10993-18:2020/A1:2023
Konsolideerib dokumenti: EVS-EN ISO 10993-18:2020
Konsolideerib dokumenti: EVS-EN ISO 10993-18:2020/A1:2023

EVS-EN ISO 27427:2023

Anaesthetic and respiratory equipment - Nebulizing systems and components (ISO 27427:2023)

This document specifies requirements for the safety and performance testing of general-purpose nebulizing systems intended for continuous or breath-actuated delivery of liquids, in aerosol form, to humans through the respiratory system. This document includes gas-powered nebulizers (which can be powered by, e.g., compressors, pipeline systems, cylinders, etc.) and electrically powered nebulizers [e.g. spinning disc, ultrasonic, vibrating mesh (active and passive), and capillary devices] or manually powered nebulizers. This document does not specify the electrical requirements of electrically powered nebulizers. This document does not specify the minimum performance of nebulizing systems. This document does not apply to: a) devices intended for nasal deposition; b) devices intended solely to provide humidification or hydration by providing water in aerosol form. NOTE 1 ISO 80601-2-74 and ISO 20789 cover these devices. c) drug-specific nebulizers or their components (e.g. metered dose inhalers, metered liquid inhalers, dry powder inhalers). NOTE 2 ISO 20072 covers these devices. NOTE 3 See Annex A for rationale.

Keel: en
Alusdokumendid: ISO 27427:2023; EN ISO 27427:2023
Asendab dokumenti: EVS-EN ISO 27427:2019

EVS-EN ISO 407:2023

Small medical gas cylinders - Pin-index yoke-type valve connections (ISO 407:2023)

This document is applicable to pin-index yoke-type valve connections for medical gas cylinders, with a working pressure up to a maximum of 200 bar or test pressure up to a maximum of 300 bar, or both. NOTE 1 This type of connection is primarily used for small cylinders (5 l or below). NOTE 2 In this document the unit bar is used, due to its universal use in the field of technical gases. It should, however, be noted that bar is not an SI unit, and that the corresponding SI unit for pressure is Pa (1 bar = 105 Pa = 105 N/m2). This document specifies: — basic dimensions; — requirements for alternative designs of the yoke-type valve connections; — dimensions and positions for the holes and pins for the outlet connections. It also specifies the dimensions and positions for the holes and pins for the outlet connections for gases and gas mixtures.

Keel: en
Alusdokumendid: ISO 407:2023; EN ISO 407:2023
Asendab dokumenti: EVS-EN ISO 407:2021

EVS-EN ISO 5367:2023

Anaesthetic and respiratory equipment - Breathing sets and connectors (ISO 5367:2023)

This document specifies minimum requirements for breathing sets and breathing tubes intended to be used with anaesthetic breathing systems, ventilator breathing systems, humidifiers or nebulizers. It applies to breathing sets and breathing tubes and patient end adaptors supplied already assembled and to those supplied as components and assembled in accordance with the manufacturer's instructions. This document is applicable to breathing sets which include special components (e.g. water traps) between the patient end and machine end. Provision is made for coaxial and related bifurcated, double-lumen, or multiple-lumen breathing sets and breathing tubes suitable for use with patient end adaptors.

Keel: en
Alusdokumendid: ISO 5367:2023; EN ISO 5367:2023
Asendab dokumenti: EVS-EN ISO 5367:2014

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CEN/TR 12349:2023
Mechanical vibration - Guide to the health effects of vibration on the human body

The aim of this document is to provide information on the possible adverse health effects caused by exposure to vibration at work. The report addresses manufacturers, companies which introduce machinery on the EU market as well as employers and employees using vibrating machinery in order to improve their understanding of the possible health problems arising from occupational exposure to vibration. This document is limited to the effects on health and does not cover the potential effects of vibration on comfort, human performance, or vibration perception. Most of the information on whole-body vibration in this document is based upon data available from research on human response to vibration of seated persons. There are only few data on the effects of vibration on persons in standing, reclining or recumbent positions. The information on both hand-transmitted vibration and whole-body vibration is based upon data from laboratory research on acute effects as well as upon data from epidemiologic field-studies at workplaces. Additional information can be obtained from the scientific literature.

Keel: en
Alusdokumendid: CEN/TR 12349:2023
Asendab dokumenti: CR 12349:1996

CWA 18017:2023
Management of forest fire incidents - SITAC-based symbology

This document proposes a set of standardized symbols to be agreed upon and adopted by the responsible public safety agencies and more specifically by the organizations involved in wildfire management in an optimally coordinated approach (particularly when considering a cross border context). Such symbology will enable the visual communication of the operational and field information that fire commanders exchange during firefighting operations, displayed on a geographical background, to effectively support the coordination and planning of the response activities. Hence, adopting such symbology will expectedly improve the understanding of the situation by the involved agencies, based on a common visualization approach concerning the information sharing among field actors from different countries, jointly operating in the theatre. The set of symbols encompassed the characteristics of the area of operations, the propagation of the fire front, the intervention measures/available equipment and the actions that need to be taken. The symbology proposed in this document is based on SITAC, a set of symbols developed by the French Fire Service (Sapeur Pompiers), which is currently operationally adopted by the "Corpo Nazionale dei Vigili del Fuoco (CNVVF)" in Italy and a number of other fire services in EU Member States.

Keel: en
Alusdokumendid: CWA 18017:2023

CWA 18018:2023
Structuring an emergency response plan for crisis management stakeholders

This document proposes a harmonized approach for crisis management stakeholders with a main focus on public safety agencies, to elaborate emergency response plans based on a homogenous core structure to be further adapted to specific hazard types as per relevant guidelines also provided as part of the CWA. This deliverable intends to propose uniform practices for elaborating emergency response plans, to emergency management agencies and other civil protection practitioners within the field of disaster and emergency management, including non-governmental agencies active in the sector. Each of the aforementioned categories of potential end-users may wish to consider the proposed structure of the response plan template in the context of elaborating a new response plan and/or adapting an existing response plan relative to a specific hazard type. Based on that, this CWA proposes to first responders a generic template along with methodological guidelines for elaborating a response plan in a coherent manner for all types of hazards falling in their scope of operations. A core backbone structure of such a document is provided in Annex A, normative, along with guidelines regarding its adjustment and practical application to the characteristics of different types of hazards. The applicability of the overall approach specifically to Chemical, biological, radiological, nuclear and explosive (CBRNe) incidents and waste disposal plants emergencies, is showcased (for indicative purposes) in two examples detailed in Annexes B & C, informative.

Keel: en
Alusdokumendid: CWA 18018:2023

EVS-EN 14972-7:2023
Fixed firefighting systems - Water mist systems - Part 7: Test protocol for commercial low hazard occupancies for automatic nozzle systems

This document specifies fire testing requirements for water mist systems used for fire protection of commercial low hazard occupancies up to 5 m ceiling height.

Keel: en
Alusdokumendid: EN 14972-7:2023

EVS-EN ISO 13164-4:2023
Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023)

This document describes a test method for the determination of radon-222 (222Rn) activity concentration in non-saline waters by extraction and liquid scintillation counting. The 222Rn activity concentrations, which can be measured by this test method utilizing currently available instruments, are above 0,5 Bq·l−1 which is the typical detection limit for a 10 ml test sample and a measuring time of 1 h. It is the responsibility of the laboratory to ensure the validity of this test method for water samples of untested matrices. Annex A gives indication on the necessary counting conditions to meet the required detection limits for drinking water monitoring.

Keel: en
Alusdokumendid: ISO 13164-4:2023; EN ISO 13164-4:2023
Asendab dokumenti: EVS-EN ISO 13164-4:2020

EVS-EN ISO 7933:2023

Ergonomics of the thermal environment - Analytical determination and interpretation of heat stress using calculation of the predicted heat strain (ISO 7933:2023)

This document describes a model [the predicted heat strain (PHS) model] for the analytical determination and interpretation of the thermal stress (in terms of water loss and rectal temperature) experienced by an average person in a hot environment and determines the maximum allowable exposure times within which the physiological strain is acceptable for 95 % of the exposed population (the maximum tolerable rectal temperature and the maximum tolerable water loss are not exceeded by 95 % of the exposed people). The various terms used in this prediction model and, in particular, in the heat balance, show the influence of the different physical parameters of the environment on the thermal stress experienced by the average person. In this way, this document makes it possible to determine which parameter or group of parameters can be changed, and to what extent, in order to reduce the risk of excessive physiological strain. In its present form, this method of assessment is not applicable to cases where special protective clothing (e.g. fully reflective clothing, active cooling and ventilation, impermeable coveralls) is worn. This document does not predict the physiological response of an individual person, but only considers average persons in good health and fit for the work they perform. It is therefore intended to be used by, among others, ergonomists and industrial hygienists, as the outcomes can require expert interpretations. Recommendations about how and when to use this model are given in ISO 8025.

Keel: en
Alusdokumendid: ISO 7933:2023; EN ISO 7933:2023
Asendab dokumenti: EVS-EN ISO 7933:2004

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 50566:2017/A1:2023

Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 30 MHz kuni 6 GHz: Inimese kehaga lähedases kontaktis olevad käes hoitavad ja kehale kinnitatavad seadmed
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body

This product standard applies to wireless communication devices used at distances up to and including 200 mm from the human body, i.e. when held in the hand or in front of the face, mounted on the body, combined with other transmitting or non-transmitting devices or accessories (e.g. belt-clip, camera or Bluetooth add-on), or integrated into garments. The applicable frequency range is from 30 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the ear the applicable product standard is EN 50360:2017 [1]. For low power devices the applicable product standard is EN 50663:2017 [2].

Keel: en
Alusdokumendid: EN 50566:2017/A1:2023
Muudab dokumenti: EVS-EN 50566:2017

EVS-EN 61340-2-3:2016/AC:2023

Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation

Corrigendum to EN 61340-2-3:2016

Keel: en
Alusdokumendid: IEC 61340-2-3:2016/COR1:2023; EN 61340-2-3:2016/AC:2023-08
Parandab dokumenti: EVS-EN 61340-2-3:2016

EVS-EN ISO 13164-4:2023

Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023)

This document describes a test method for the determination of radon-222 (222Rn) activity concentration in non-saline waters by extraction and liquid scintillation counting. The 222Rn activity concentrations, which can be measured by this test method utilizing currently available instruments, are above 0,5 Bq·l−1 which is the typical detection limit for a 10 ml test sample and a measuring time of 1 h. It is the responsibility of the laboratory to ensure the validity of this test method for water samples of untested matrices. Annex A gives indication on the necessary counting conditions to meet the required detection limits for drinking water monitoring.

Keel: en
Alusdokumendid: ISO 13164-4:2023; EN ISO 13164-4:2023
Asendab dokumenti: EVS-EN ISO 13164-4:2020

19 KATSETAMINE

EVS-EN IEC 60721-3-4:2019/AC:2023

Classification of environmental conditions - Part 3-4: Classification of groups of environmental parameters and their severities - Stationary use at non-weatherprotected locations

Corrigendum to EN IEC 60721-3-4:2019

Keel: en
Alusdokumendid: EN IEC 60721-3-4:2019/AC:2023-08; IEC 60721-3-4:2019/COR1:2023
Parandab dokumenti: EVS-EN IEC 60721-3-4:2019

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN ISO 10468:2023

Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the ring creep properties under wet or dry conditions (ISO 10468:2023)

This document specifies methods for determining the ring creep properties for glass-reinforced thermosetting plastics (GRP) pipes. Properties include the creep factor and the long-term specific creep stiffness. Testing is performed under either wet (total immersion in water) or dry conditions. Dry creep testing is typically performed for the assessment and control of raw material consistency. Wet creep testing is typically undertaken to determine the long-term creep performance in simulated use conditions.

Keel: en
Alusdokumendid: EN ISO 10468:2023; ISO 10468:2023
Asendab dokumenti: EVS-EN 761:1999

25 TOOTMISTEHNOLOOGIA

EVS-EN ISO 1089:2023

Resistance welding equipment - Electrode taper fits for spot welding equipment - Dimensions (ISO 1089:2023)

This document specifies the dimensions and tolerances of taper fits between the following: — straight electrodes and electrode holders; — electrode adapters connecting electrode caps and electrode holders; — female electrode caps and electrode adapters; — male electrode caps and electrode adapters. NOTE Electrode holders and electrode caps utilizing locking tapers are addressed in ISO 20168.

Keel: en
Alusdokumendid: ISO 1089:2023; EN ISO 1089:2023
Asendab dokumenti: EVS-EN 21089:1999

EVS-EN ISO 14172:2023

Welding consumables - Covered electrodes for manual metal arc welding of nickel and nickel alloys - Classification (ISO 14172:2023)

This document prescribes requirements for the classification of nickel and nickel-alloy covered electrodes for manual metal arc welding and overlaying. The classification of the covered electrodes is based on the chemical composition of their deposited all-weld metal. It includes those compositions in which the nickel content exceeds that of any other element.

Keel: en
Alusdokumendid: ISO 14172:2023; EN ISO 14172:2023
Asendab dokumenti: EVS-EN ISO 14172:2015

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN IEC 60904-2:2023

Photovoltaic devices - Part 2: Requirements for photovoltaic reference devices

IEC 60904-2:2023 gives requirements for the classification, selection, packaging, marking, calibration and care of photovoltaic reference devices. This document applies to photovoltaic (PV) reference devices that are used to measure the irradiance of natural or simulated sunlight for the purpose of quantifying the electrical performance of photovoltaic devices (cells, modules and arrays). It does not cover photovoltaic reference devices for use under concentrated sunlight. This fourth edition cancels and replaces the third edition published in 2015. This edition includes the following significant technical changes with respect to the previous edition: a) added calibration procedures for calibrating PV devices at maximum power by extending the respective Clauses 12 and 13; b) revised requirements for mandatory measurement of spectral responsivity, temperature coefficients and linearity, depending on usage and allowing some measurements on equivalent devices; c) revised requirements for built-in shunt resistor; d) added requirements for traceability of calibration explicitly.

Keel: en
Alusdokumendid: IEC 60904-2:2023; EN IEC 60904-2:2023
Asendab dokumenti: EVS-EN 60904-2:2015

29 ELEKTROTEHNIKA

EVS-EN 50341-2-21:2023

Overhead electrical lines exceeding AC 1 kV - National Normative Aspects (NNA) for Slovenia (based on EN 50341-1:2012)

1.1 General (A-dev) SI.1 Definition of the new overhead power line A new overhead power line is defined as a functionally completed installation for the transmission of electricity between points A and B (i.e. the new construction of all conductors, their supports together with foundations, earthing system, insulators, accessories and fittings). The overhead lines currently being designed (starting of a design to obtain a building permit) or being under construction may be completed in accordance with the standards in force at the time of the start of the design or construction of the overhead line. In the case of maintenance and renovation works with major structural changes to overhead lines, this standard shall be applied in accordance with the project specification. E.g., for the construction of new support on new foundations in the existing overhead line, the provisions of this standard shall be applied to support and foundations but for the other elements of the overhead line don't need to be complied with this standard. For the design and construction of DC overhead lines, the requirements of this standard are also applicable to the design of structures, but not for electrical requirements, which have to be specified in the project specification. 1.2 Field of application (ncpt) SI.1 Conductors with optical fiber wires This standard is also applicable for designing and construction of conductors with fiber optic wires (OPPC), optical ground wires (OPGW) and ADSS (All Dielectric Self Supporting) cables. (ncpt) SI.2 Use of cover conductors and overhead insulated cable networks In overhead lines with covered conductors, insulated by artificial mass and overhead insulated cable networks up to and including 45 kV, project requirements shall be defined in the project specification. (ncpt) SI.3 Use for the installation of other equipment on supports This Standard also applies to all other equipment intended for installation of new overhead line supports. Other equipment shall be considered as the equipment which does not belong to the basic elements of the overhead line, e. g. equipment for the passage of overhead line into cable, disconnectors, telecommunications equipment, meteorological equipment, measuring equipment and more. Static verification of the support and foundation of the overhead water must be carried out due to the impact of the self-weight of other equipment and the impact of wind and ice on other equipment.

Keel: en
Alusdokumendid: EN 50341-2-21:2023

EVS-EN 60061-2:2001+A46:2013/A59:2023

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 2: Lambipesad
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders

Amendment to EN 60061-2:1993

Keel: en
Alusdokumendid: EN 60061-2:1993/A59:2023; IEC 60061-2:1969/AMD59:2023
Muudab dokumenti: EVS-EN 60061-2:2001+A46:2013

EVS-EN 60061-3:2001+A47:2013/A59:2023

Lambisoklid ja lambipesad koos mõõturitega vahetatavuse ja ohutuse kontrolliks. Osa 3: Mõõturid
Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges

Amendment to EN 60061-3:1993

Keel: en
Alusdokumendid: EN 60061-3:1993/A59:2023; IEC 60061-3:1969/AMD59:2023
Muudab dokumenti: EVS-EN 60061-3:2001+A47:2013

EVS-EN 61340-2-3:2016/AC:2023

Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation

Corrigendum to EN 61340-2-3:2016

Keel: en
Alusdokumendid: IEC 61340-2-3:2016/COR1:2023; EN 61340-2-3:2016/AC:2023-08
Parandab dokumenti: EVS-EN 61340-2-3:2016

EVS-EN IEC 63044-4:2021/AC1:2023

Home and building electronic systems (HBES) and building automation and control systems (BACS) - Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS

Corrigendum to EN IEC 63044-4:2021

Keel: en
Alusdokumendid: EN IEC 63044-4:2021/AC:2023-07
Asendab dokumenti: EVS-EN IEC 63044-4:2021/AC:2023
Parandab dokumenti: EVS-EN IEC 63044-4:2021

31 ELEKTROONIKA

EVS-EN IEC 61249-6-3:2023

Materials for printed boards and other interconnecting structures - Part 6-3: Sectional specification set for reinforcement materials - Specification for finished fabric woven from "E" glass for printed boards

This International Standard covers finished fabrics woven from ‘‘E’’ glass electrical grade glass fibre yarns that are intended as a reinforcing material in laminated plastics for electrical and electronic use. All fabrics covered by this specification are plain weave. This specification determines the nomenclature, definitions, general and chemical requirements for the glass, and physical requirements for finished woven glass fibre fabrics. Annex A of this standard provides a style designator for each finished fabric glass style, with specifications on yarn, fabric count, thickness and weight in both SI and US system.

Keel: en
Alusdokumendid: IEC 61249-6-3:2023; EN IEC 61249-6-3:2023

33 SIDETEHNIKA

EVS-EN 50360:2017/A1:2023

Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 300 MHz kuni 6 GHz: Kõrva ääres hoitavad seadmed
Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear

This product standard applies to wireless communication devices used in close proximity to the human ear (e.g. mobile phones, wireless headsets). The applicable frequency range is from 300 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the body or in front of the face the applicable product standard is EN 50566:2017. For low power devices the applicable product standard is EN 50663:2017.

Keel: en
Alusdokumendid: EN 50360:2017/A1:2023
Muudab dokumenti: EVS-EN 50360:2017

EVS-EN 50566:2017/A1:2023

Tootestandard juhtmevabade sideseadmete nõuetele vastavuse tõendamiseks, inimesele toimivate elektromagnetväljade põhipiirangud ja kokkupuute piirnormid sagedusalas 30 MHz kuni 6 GHz: Inimese kehaga lähedases kontaktis olevad käes hoitavad ja kehale kinnitatavad seadmed
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body

This product standard applies to wireless communication devices used at distances up to and including 200 mm from the human body, i.e. when held in the hand or in front of the face, mounted on the body, combined with other transmitting or non-transmitting devices or accessories (e.g. belt-clip, camera or Bluetooth add-on), or integrated into garments. The applicable frequency range is from 30 MHz to 6 GHz. The objective of this standard is to demonstrate the compliance of such devices with the basic restrictions and exposure limit values related to human exposure to radio frequency electromagnetic fields. For devices used next to the ear the applicable product standard is EN 50360:2017 [1]. For low power devices the applicable product standard is EN 50663:2017 [2].

Keel: en
Alusdokumendid: EN 50566:2017/A1:2023
Muudab dokumenti: EVS-EN 50566:2017

EVS-EN 55016-2-3:2017/A2:2023

Raadiohäiringute ja häiringutaluvuse mõõteseadmed ja -meetodid. Osa 2-3: Häiringute ja häiringutaluvuse mõõtemeetodid. Kiirgushäiringute mõõtmine
Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements

Amendment to EN 55016-2-3:2017

Keel: en
Alusdokumendid: CISPR 16-2-3:2016/AMD2:2023; EN 55016-2-3:2017/A2:2023
Muudab dokumenti: EVS-EN 55016-2-3:2017

EVS-EN IEC 60728-101-1:2023

Cable networks for television signals, sound signals and interactive services - Part 101-1: RF cabling for two-way home networks with all-digital channels load

IEC 60728-101-1:2023 provides the requirements and describes the implementation guidelines of RF cabling for two-way home networks; it is applicable to any home network that distributes signals provided by CATV/MATV/SMATV cable networks (including individual receiving systems) having a coaxial cable output. It is also applicable to home networks where some part of the distribution network uses wireless links, for example in place of the receiver cord. This part of IEC 60728 is therefore applicable to RF cabling for two-way home networks with wired cords or wireless links inside a room and primarily intended for television and sound signals operating between about 5 MHz and 3 300 MHz. The frequency range is extended to 6 000 MHz for distribution techniques that replace wired cords with a wireless two-way communication inside a room (or a small number of adjacent rooms) that uses the 5 GHz to 6 GHz band. In a building divided into apartment blocks, the distribution of the signals inside the home starts from the home network interface (HNI) up to the system outlet or terminal input. The requirements at the system outlet are given in IEC 60728-101:2016, Clause 5 and the requirements at the HNI are given in IEC 60728-101:2016, Clause 7. In Clause 5 of this document, additional requirements are given. This document deals with various possibilities to distribute signals in a home network, using coaxial cables, balanced pair cables, fibre optic cables (glass or plastic) and also wireless links inside a room (or a small number of adjacent rooms) to replace wired cords. This document gives references to basic methods of measurement of the operational characteristics of the home cable network in order to assess its performance. All requirements refer to the performance limits, which are obtained between the input(s) at the home network interface (HNI) and the output at any system outlet when terminated in a resistance equal to the nominal load impedance of the system, unless otherwise specified. Where system outlets are not used, the above applies to the terminal input. The present document also provides limits for the accumulation of degradations if the home network is subdivided into a number of parts, using different transmission media (e.g. coaxial cabling, balanced cabling, optical cabling, wireless links). Clause 5 defines the performance limits measured at system outlet or terminal input for an unimpaired (ideal) test signal applied at the HNI. Under normal operating conditions for any digital channel and meeting these limits, the cumulative effect of the impairment of any single parameter at the HNI and that due to the home network produces signals not worse than the requirements given in IEC 60728-101-2. For digitally modulated signals, the quality requirement is a QEF (quasi error-free) reception. This document describes the physical layer connection for home networks. Description of protocols required for layer 2 and higher layers is out of the scope of this document. Logical connections between devices within the home network are therefore not always guaranteed. This International Standard is to be used in conjunction with IEC 60728-101:2016.

Keel: en
Alusdokumendid: IEC 60728-101-1:2023; EN IEC 60728-101-1:2023

EVS-EN IEC 60728-101-2:2023

Cable networks for television signals, sound signals and interactive services - Part 101-2: Performance requirements for signals delivered at the system outlet in operation with all-digital channels load

IEC 60728-101-2:2023 provides the minimum performance requirements to be fulfilled in operation at the system outlet or terminal input and describes the summation criteria for the impairments present in the received signals and those produced by the CATV/MATV/SMATV cable network, including individual receiving systems. In a building divided into apartment blocks, the signals received by the antennas are distributed by the MATV/SMATV cable network up to the home network interface (HNI); the television signals are then distributed (inside the home) by home networks (HN) of various types up to the system outlet or terminal input. The cable network can support two-way operation, from the system outlet (or terminal input) towards the headend. The home network can use coaxial cables, balanced pair cables, fibre optic cables (glass or plastic) and also wireless links inside a room (or a small number of adjacent rooms) to replace wired cords. This part of IEC 60728 is limited to downstream TV broadcast signals received from antennas and is applicable to cable networks intended for television signals, sound signals and interactive services operating between about 5 MHz and 3 300 MHz. The frequency range is extended to 6 000 MHz for home distribution techniques that replace wired cords with a wireless two-way communication inside a room (or a small number of adjacent rooms) that uses the 5 GHz to 6 GHz frequency band. The main sections of a general CATV/MATV/SMATV system, indicating the parts of the IEC 60728-101 series documents where the relevant performance requirements are indicated. - The requirements for the signals received at the headend are given in IEC 60728-101:2016, Clause 6. - The requirements for the CATV/MATV/SMATV cable network, assuming an unimpaired input signal at the input of the headend, up to the system outlet are given in IEC 60728-101:2016, Clause 5. - The requirements for the CATV/MATV/SMATV cable network up to the home network interface (HNI) are given in IEC 60728-101:2016, Clause 7, assuming an unimpaired input signal at the input of the headend. - The specific requirements from HNI to the system outlet or terminal input are given in IEC 60728-101-1:2023, Clause 5, assuming an unimpaired input signal at the HNI. - The requirements at the system outlet in operation are given in Clause 6 of this document. The expression "in operation" means that the received signals, with their impairments, are applied to the headend input of the CATV/MATV/SMATV cable network. The requirements at the system outlet "in operation" are derived, therefore, by summing the impairments of the various cascaded parts of the system and of the input signal. When a change of signal format from digital to digital (e.g. from QPSK to QAM) (e.g. as in ETSI EN 300 473) or from digital to analogue (e.g. from DVB-S/S2 to AM-VSB or DVB-T/T2 to AM-VSB) is made at the headend, the summation of the impairments that produce a relaxation of requirements at system outlet does not apply. Such a case will be the equivalence of unimpaired signals applied at the headend input. Therefore, the requirements at system outlet given in IEC 60728-1 apply. This document also provides references for the basic methods of measurement of the operational characteristics of the downstream cable network in order to assess its performance. All requirements refer to the performance limits to be achieved in operation at any system outlet when terminated in a resistance equal to the nominal load impedance of the system, unless otherwise specified. Where system outlets are not.

Keel: en
Alusdokumendid: IEC 60728-101-2:2023; EN IEC 60728-101-2:2023

EVS-EN IEC 61000-4-6:2023

Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

This part of IEC 61000 relates to the conducted immunity requirements of electrical and electronic equipment to electromagnetic disturbances coming from intended radio-frequency (RF) transmitters in the frequency range 150 kHz up to 80 MHz. NOTE 1 Product committees might decide to use the methods described in this document also for frequencies up to 230 MHz (see Annex B) although the methods and test instrumentation is intended to be used in the frequency range up to 80 MHz. Equipment not having at least one conducting wire and/or cable (such as mains supply, signal line or earth connection) which can couple the equipment to the disturbing RF fields is excluded from the scope of this publication. NOTE 2 Test methods are specified in this part of IEC 61000 to assess the effect that conducted disturbing signals, induced by electromagnetic radiation, have on the equipment concerned. The simulation and measurement of these conducted disturbances are not adequately exact for the quantitative determination of effects. The test methods specified are structured for the primary objective of establishing adequate repeatability of results at various facilities for quantitative analysis of effects. The object of this standard is to establish a common reference for evaluating the functional immunity of electrical and electronic equipment when subjected to conducted disturbances induced by RF fields. The test method documented in this part of IEC 61000 describes a consistent method to assess the immunity of an equipment or system against a specified phenomenon. NOTE 3 As described in IEC Guide 107, this standard is a basic EMC publication for use by product committees of the IEC. As also stated in Guide 107, the IEC product committees are responsible for determining whether this immunity test standard should be applied or not, and if applied, they are responsible for determining the appropriate test levels and performance criteria.

Keel: en
Alusdokumendid: IEC 61000-4-6:2023; EN IEC 61000-4-6:2023
Asendab dokumenti: EVS-EN 61000-4-6:2014

EVS-EN IEC 62351-3:2023

Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP

This part of IEC 62351 specifies how to provide confidentiality, integrity protection, and message level authentication for protocols that make use of TCP/IP as a message transport layer and utilize Transport Layer Security when cyber-security is required. This may relate to SCADA and telecontrol protocols, but also to additional protocols if they meet the requirements in this standard. IEC 62351-3 specifies how to secure TCP/IP-based protocols through constraints on the specification of the messages, procedures, and algorithms of Transport Layer Security (TLS) (TLSv1.2 defined in RFC 5246, TLSv1.3 defined in RFC 8446). In the specific sections, there will be subclauses to note the differences and commonalities in the application depending on the target TLS version. The use and specification of intervening external security devices (e.g., “bump-in-the-wire”) are considered out-of-scope. In contrast to former versions of this standard, this edition is self-contained in terms of completely defining a profile of TLS. Hence, it can be applied directly, without the need to specify further TLS parameters. Therefore, this part can be directly utilized from a referencing standard and may be combined with further security measures on other layers. Providing the profiling of TLS without the need for further specifying TLS parameters allows to declare conformity to the described functionality without the need to involve further IEC 62351 documents. This part is intended to be referenced as a normative part of other IEC standards that have the need for providing security for their TCP/IP-based protocol exchanges under similar boundary conditions. However, it is up to the individual protocol security initiatives to decide if this standard is to be referenced. The document also defines security events for specific conditions, which support the error handling, security audit trails, intrusion detection and conformance testing. The actions of the organisation in response to events to an error condition described in this document are beyond the scope of this document and are expected to be defined by the organizations security policy. This part of IEC 62351 reflects the security requirements of the IEC power systems management protocols. Should other standards bring forward new requirements, this standard may need to be revised.

Keel: en
Alusdokumendid: EN IEC 62351-3:2023; IEC 62351-3:2023
Asendab dokumenti: EVS-EN 62351-3:2014
Asendab dokumenti: EVS-EN 62351-3:2014/A1:2018
Asendab dokumenti: EVS-EN 62351-3:2014/A2:2020

EVS-EN IEC 62351-9:2023

Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment

IEC 62351-9:2023 specifies cryptographic key management, primarily focused on the management of long-term keys, which are most often asymmetric key pairs, such as public-key certificates and corresponding private keys. As certificates build the base this document builds a foundation for many IEC 62351 services (see also Annex A). Symmetric key management is also considered but only with respect to session keys for group-based communication as applied in IEC 62351-6. The objective of this document is to define requirements and technologies to achieve interoperability of key management by specifying or limiting key management options to be used. This document assumes that an organization (or group of organizations) has defined a security policy to select the type of keys and cryptographic algorithms that will be utilized, which may have to align with other standards or regulatory requirements. This document therefore specifies only the management techniques for these selected key and cryptography infrastructures. This document assumes that the reader has a basic understanding of cryptography and key management principles. The requirements for the management of pairwise symmetric (session) keys in the context of communication protocols is specified in the parts of IEC 62351 utilizing or specifying pairwise communication such as: • IEC 62351-3 for TLS by profiling the TLS options • IEC 62351-4 for the application layer end-to-end security • IEC TS 62351-5 for the application layer security mechanism for IEC 60870-5-101/104 and IEEE 1815 (DNP3) The requirements for the management of symmetric group keys in the context of power system communication protocols is specified in IEC 62351-6 for utilizing group security to protect GOOSE and SV communication. IEC 62351-9 utilizes GDOI as already IETF specified group-based key management protocol to manage the group security parameter and enhances this protocol to carry the security parameter for GOOSE, SV, and PTP. This document also defines security events for specific conditions which could identify issues which might

require error handling. However, the actions of the organisation in response to these error conditions are beyond the scope of this document and are expected to be defined by the organizations security policy. In the future, as public-key cryptography becomes endangered by the evolution of quantum computers, this document will also consider post-quantum cryptography to a certain extent. Note that at this time being no specific measures are provided. This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Certificate components and verification of the certificate components have been added; b) GDOI has been updated to include findings from interop tests; c) GDOI operation considerations have been added; d) GDOI support for PTP (IEEE 1588) support has been added as specified by IEC/IEEE 61850-9-3 Power Profile; e) Cyber security event logging has been added as well as the mapping to IEC 62351-14; f) Annex B with background on utilized cryptographic algorithms and mechanisms has been added.

Keel: en
Alusdokumendid: IEC 62351-9:2023; EN IEC 62351-9:2023
Asendab dokumenti: EVS-EN 62351-9:2017

35 INFOTEHNOLOOGIA

EVS-EN ISO/IEC 27001:2023

Information security, cybersecurity and privacy protection - Information security management systems - Requirements (ISO/IEC 27001:2022)

This document specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization. This document also includes requirements for the assessment and treatment of information security risks tailored to the needs of the organization. The requirements set out in this document are generic and are intended to be applicable to all organizations, regardless of type, size or nature. Excluding any of the requirements specified in Clauses 4 to 10 is not acceptable when an organization claims conformity to this document.

Keel: en
Alusdokumendid: ISO/IEC 27001:2022; EN ISO/IEC 27001:2023
Asendab dokumenti: EVS-EN ISO/IEC 27001:2017

45 RAUDTEETEHNIKA

EVS-EN 16186-5:2021+A1:2023

Railway applications - Driver's cabs - Part 5: External visibility for tram vehicles

This document specifies the external front and rear visibility conditions from cabs of tram vehicles and the associated assessment method. This document applies to vehicles operating on tram networks. This document does not apply to driver's auxiliary desks. This standard is not intended to be applied for tram train.

Keel: en
Alusdokumendid: EN 16186-5:2021+A1:2023
Asendab dokumenti: EVS-EN 16186-5:2021

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 22721:2023

Conveyor belts - Specification for rubber- or plastics-covered conveyor belts of textile construction for underground mining (ISO 22721:2023)

This document specifies requirements for rubber- or plastics-covered conveyor belting of textile construction for use in underground mines and disposed on flat or troughed idlers. It is not applicable to light conveyor belts as described in ISO 21183-1. This document does not include requirements for plastics covers. These are agreed upon by the manufacturer and purchaser, taking into account the type of plastics to be used. Related items that are not requirements of this document, but which it is recommended be agreed upon by the manufacturer and purchaser, are included in Annex A. Details recommended to be supplied by the purchaser of belting with an enquiry are given in Annex B. The ability of a belt to run straight cannot be assessed until the belt is installed. Requirements for this are, therefore, outside the scope of this document; nevertheless, recommendations for lateral drift are given in Annex C. Attention is drawn to local regulations for safety which might be in place where the belts are to be used.

Keel: en
Alusdokumendid: ISO 22721:2023; EN ISO 22721:2023
Asendab dokumenti: EVS-EN ISO 22721:2008

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 17827:2023

Glass packaging - Finishes for sparkling wines produced by the traditional method (26 mm, 29 mm, 36 mm)

This document gives dimensions and specifications of the glass finishes for bottles intended for sparkling wine produced by the "traditional method", with a diameter of 26 mm, 29 mm or 36 mm. NOTE 1 The finish is to receive a crown cap and a cork stopper. NOTE 2 The dimensions of the 26 mm and 29 mm finish come from the French standard NF H 35-029.

Keel: en

Alusdokumendid: EN 17827:2023

EVS-EN 17829:2023
Glass packaging - 28 millimetre-screw finishes (MCA range) - Dimensions

This document specifies the dimensions of the various 28 mm screw finishes for glass containers designated MCA.

Keel: en
Alusdokumendid: EN 17829:2023
Asendab dokumenti: EVS-EN 16287-1:2014
Asendab dokumenti: EVS-EN 16287-2:2014
Asendab dokumenti: EVS-EN 16288-1:2014
Asendab dokumenti: EVS-EN 16288-2:2014
Asendab dokumenti: EVS-EN 16289:2013
Asendab dokumenti: EVS-EN 16290-1:2014
Asendab dokumenti: EVS-EN 16290-2:2014
Asendab dokumenti: EVS-EN 16291-1:2013
Asendab dokumenti: EVS-EN 16291-2:2013
Asendab dokumenti: EVS-EN 16291-2:2013/AC:2014

59 TEKSTIILI- JA NAHATEHNOLOOGIA

EVS-EN ISO 11936:2023
Leather - Determination of total content of certain bisphenols (ISO 11936:2023)

This document specifies a method for determining the total content (solvent extractible) of the following bisphenols in leather: — bisphenol A; — bisphenol B; — bisphenol F; — bisphenol S. This method requires the use of liquid chromatography (LC) with either a single quadrupole mass spectrometer (MS), a triple quadrupole mass spectrometer (MS/MS), an ultraviolet (UV) detector, a diode array detector (DAD) or a fluorescence detector (FLD) to identify and quantify the bisphenols. NOTE This method can also be used for other bisphenols if they are validated by the laboratory.

Keel: en
Alusdokumendid: ISO 11936:2023; EN ISO 11936:2023

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 5537:2023
Dried milk and dried milk products - Determination of moisture content (Reference method) (ISO 5537:2023)

This document specifies a method for the determination of the moisture content of all types of dried milk and dried milk products.

Keel: en
Alusdokumendid: ISO 5537:2023; EN ISO 5537:2023
Asendab dokumenti: EVS-EN ISO 5537:2004

77 METALLURGIA

EVS-EN 10209:2023
Cold rolled low carbon steel flat products for vitreous enamelling - Technical delivery conditions

This document applies to cold rolled non-coated low carbon steel flat products in rolled widths equal to or over 600 mm and in thicknesses equal to or less than 3 mm, delivered in sheet, wide strip, slit wide strip or cut lengths obtained from slit wide strip or sheet. It does not apply to cold rolled narrow strip (rolling width < 600 mm) or to cold rolled flat products for which there is a specific standard, in particular the following: - cold-rolled low carbon steel flat products for cold forming (EN 10130); - cold-rolled non-oriented electrical steel sheet and strip delivered in fully processed state (EN 10106); - cold rolled electrical non-alloy and alloy steel sheet and strip delivered in the semi-processed state (EN 10341); - cold reduced blackplate (EN 10205); - steel sheet and strip for welded gas cylinders (EN 10120); - cold-rolled uncoated non-alloy mild steel narrow strip for cold forming (EN 10139); - cold-rolled structural steels for general purposes; - cold-rolled flat products made of high yield strength for cold forming (EN 10268).

Keel: en
Alusdokumendid: EN 10209:2023
Asendab dokumenti: EVS-EN 10209:2013

EVS-EN ISO 204:2023
Metallic materials - Uniaxial creep testing in tension - Method of test (ISO 204:2023)

This document specifies the methods for: a) uninterrupted creep tests with continuous monitoring of extension; b) interrupted creep tests with periodic measurement of elongation; c) stress rupture tests where normally only the time to fracture is measured; d) a test to verify that a predetermined time can be exceeded under a given force, with the elongation or extension not necessarily being reported. NOTE A creep test can be continued until fracture has occurred or it can be stopped before fracture.

Keel: en

Alusdokumendid: ISO 204:2023; EN ISO 204:2023
Asendab dokumenti: EVS-EN ISO 204:2018

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 3262-14:2023
Extenders - Specifications and methods of test - Part 14: Cristobalite (ISO 3262-14:2023)

This document specifies requirements and corresponding methods of test for cristobalite.

Keel: en
Alusdokumendid: ISO 3262-14:2023; EN ISO 3262-14:2023
Asendab dokumenti: EVS-EN ISO 3262-14:2001

EVS-EN ISO 3262-18:2023
Extenders - Specifications and methods of test - Part 18: Precipitated sodium aluminium silicate (ISO 3262-18:2023)

This document specifies requirements and corresponding methods of test for precipitated sodium aluminium silicate.

Keel: en
Alusdokumendid: ISO 3262-18:2023; EN ISO 3262-18:2023
Asendab dokumenti: EVS-EN ISO 3262-18:2000

EVS-EN ISO 3262-7:2023
Extenders - Specifications and methods of test - Part 7: Dolomite (ISO 3262-7:2023)

This document specifies requirements and corresponding methods of test for dolomite.

Keel: en
Alusdokumendid: ISO 3262-7:2023; EN ISO 3262-7:2023
Asendab dokumenti: EVS-EN ISO 3262-7:2000

EVS-EN ISO 3262-9:2023
Extenders - Specifications and methods of test - Part 9: Calcined clay (ISO 3262-9:2023)

This document specifies requirements and corresponding methods of test for calcined clay.

Keel: en
Alusdokumendid: ISO 3262-9:2023; EN ISO 3262-9:2023
Asendab dokumenti: EVS-EN ISO 3262-9:2000

91 EHITUSMATERJALID JA EHITUS

EVS-EN 12152:2023
Curtain walling - Air permeability - Performance requirements and classification

This document specifies requirements and classification of air permeability of both fixed and openable parts of curtain walling, under positive and negative static air pressure. This document applies to curtain walling as specified in EN 13830. NOTE This version of EN 12152:2023 will supersede EN 12152:2002. Existing test results according to EN 12152:2002 could be considered still valid compared with this version of EN 12152.

Keel: en
Alusdokumendid: EN 12152:2023
Asendab dokumenti: EVS-EN 12152:2002

EVS-EN 12153:2023
Curtain walling - Air permeability - Test method

This document defines the method to be used to determine the air permeability of curtain walling, both its fixed and openable parts. It describes how the specimen shall be tested under positive and negative air pressure. This document applies to any curtain walling product as defined in EN 13830.

Keel: en
Alusdokumendid: EN 12153:2023
Asendab dokumenti: EVS-EN 12153:2000

EVS-EN 17680:2023
Sustainability of construction works - Evaluation of the potential for sustainable refurbishment of buildings

This document provides a methodology for the evaluation of the potential for sustainable refurbishment of an existing building, as a means of contributing to the circular economy, to support the decision-making process. Sustainable refurbishment aims to close the gap between current performance and current requirements fulfilling authorities' sustainability regulations and contribute to meet sustainability goals which maximizes the environmental, social and economic performance. It also aims to allow the adaptability to fulfil future needs. It can be used for a building or part(s) of a building, as well as a portfolio of buildings. This

document gives a methodology for assessing performance characteristics of existing buildings in terms of: 1) Technical aspects 2) Adaptability 3) Usability 4) Social aspects 5) Energy, water and operational impacts 6) Quality of indoor environment (including health aspects) 7) Economic feasibility 8) Climate change resilience 9) Embodied environmental impacts The document describes the work to be done in main applicable categories of a 6 steps process: • Step 0: Establish brief of the object of the assessment • Step 1: Evaluating the building • Step 2: Sustainable deconstruction • Step 3: Sustainable construction process • Step 4: Sustainable commissioning • Step 5: Sustainable in use NOTE In this document the users are people and organisations using the building, including the facility management. In some buildings visitors are also important users and need to be taken into account. This approach is generic for all types of buildings. At present this document does not cover civil engineering work and it does not give benchmarks for the evaluation. Assessment of the impacts of sustainable refurbishment of buildings is covered by calculation methods described in EN 15978, EN 16309 and EN 16627.

Keel: en
Alusdokumendid: EN 17680:2023

EVS-EN ISO 25745-1:2023

Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and verification (ISO 25745-1:2023)

This document specifies: a) methods of measuring actual energy consumption of lifts, escalators and moving walks on a single unit basis; b) methods of carrying out periodic energy verification checks on lifts, escalators and moving walks in operation. This document only considers the energy performance during the operational portion of the life cycle of the lifts, escalators or moving walks. For lifts, this document does not cover energy aspects, such as: a) hoistway lighting; b) heating and cooling equipment, including fans in the lift car; c) machine room lighting; d) machine room heating, ventilation and air conditioning; e) non-lift, display systems, closed circuit television security cameras, etc.; f) non-lift, monitoring systems (building management systems, etc.); g) the effect of lift group dispatching on energy consumption; h) non-lift equipment consumption through the power sockets; i) energy storage systems if used as an alternative energy source for operation. For escalators and moving walks, this document does not cover energy aspects of the ancillary equipment, such as: a) lighting with the exception of comb plate lighting and step gap lighting and traffic light; b) cooling and heating; c) alarm devices and emergency battery supplies equipment, etc.

Keel: en
Alusdokumendid: ISO 25745-1:2023; EN ISO 25745-1:2023
Asendab dokumenti: EVS-EN ISO 25745-1:2012

93 RAJATISED

EVS-EN ISO 22477-2:2023

Geotechnical investigation and testing - Testing of geotechnical structures - Part 2: Testing of piles: static tension load testing (ISO 22477-2:2023)

This document establishes the specifications for the execution of static pile load tests in which a single pile is subjected to an axial static load in tension in order to define its load-displacement behaviour. This document is applicable to vertical piles as well as raking piles. All types of piles are covered by this document. The tests considered in this document are limited to maintained load tests. Cyclic load tests are not covered by this document. NOTE ISO 22477-2 is intended to be used in conjunction with EN 1997-1. Numerical values of partial factors for limit states and of correlation factors to derive characteristic values from static pile load tests to be taken into account in design are provided in EN 1997-1. This document provides specifications for the execution of static axial pile load tests: a) checking that a pile behaves as designed, b) measuring the resistance of a pile.

Keel: en
Alusdokumendid: ISO 22477-2:2023; EN ISO 22477-2:2023

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 17229-2:2023

Fitness centres - Requirements for centre amenities and operation - Part 2: Requirements for supervision and staff

This document specifies requirements for the supervision and staffing, necessary to protect the health, safety and welfare of users, staff and contractors across a wide range of fitness centres as specified in EN 17229. This document specifies the essential skills required from operational staff and fitness staff who have a responsibility for the supervision of their users, staff and contractors using and working in their fitness centres. This document applies in conjunction with, and in addition to EN 17229. This document cannot be used separately from EN 17229. NOTE National occupational health and safety rules and regulations are not affected by this document.

Keel: en
Alusdokumendid: EN 17229-2:2023

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

ISO/TS 80004-4:2011 et

Nanotehnoloogiad. Sõnastik. Osa 4: Nanostruktuur-materjalid
Nanotechnologies -- Vocabulary -- Part 4: Nanostructured materials (ISO/TS 80004-4:2011)

Keel: et
Alusdokumendid: ISO/TS 80004-4:2011
Standardi staatus: Kehtetu

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

EVS-EN ISO/IEC 27001:2017

Infotehnoloogia. Turbemeetodid. Infoturbe halduse süsteemid. Nõuded
Information technology - Security techniques - Information security management systems - Requirements (ISO/IEC 27001:2013 including Cor 1:2014 and Cor 2:2015)

Keel: en, et
Alusdokumendid: ISO/IEC 27001:2013; EN ISO/IEC 27001:2017; ISO/IEC 27001:2013/Cor 1:2014; ISO/IEC 27001:2013/Cor 2:2015
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27001:2023
Standardi staatus: Kehtetu

07 LOODUS- JA RAKENDUSTEADUSED

ISO/TS 80004-4:2011 et

Nanotehnoloogiad. Sõnastik. Osa 4: Nanostruktuur-materjalid
Nanotechnologies -- Vocabulary -- Part 4: Nanostructured materials (ISO/TS 80004-4:2011)

Keel: et
Alusdokumendid: ISO/TS 80004-4:2011
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 27427:2019

Anaesthetic and respiratory equipment - Nebulizing systems and components (ISO 27427:2013)

Keel: en
Alusdokumendid: ISO 27427:2013; EN ISO 27427:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 27427:2023
Standardi staatus: Kehtetu

EVS-EN ISO 407:2021

Small medical gas cylinders - Pin-index yoke-type valve connections (ISO 407:2021)

Keel: en
Alusdokumendid: ISO 407:2021; EN ISO 407:2021
Asendatud järgmise dokumendiga: EVS-EN ISO 407:2023
Standardi staatus: Kehtetu

EVS-EN ISO 5367:2014

Anesteesia- ja hingamisseadmed. Hingamisagregaadid ja ühendusliitmikud
Anaesthetic and respiratory equipment - Breathing sets and connectors (ISO 5367:2014)

Keel: en
Alusdokumendid: ISO 5367:2014; EN ISO 5367:2014
Asendatud järgmise dokumendiga: EVS-EN ISO 5367:2023
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

CR 12349:1996
Mechanical vibration - Guide to the health effects of vibration on the human body

Keel: en
Alusdokumendid: CR 12349:1996
Asendatud järgmise dokumendiga: CEN/TR 12349:2023
Standardi staatus: Kehtetu

EVS-EN ISO 13164-4:2020
Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)

Keel: en
Alusdokumendid: ISO 13164-4:2015; EN ISO 13164-4:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 13164-4:2023
Standardi staatus: Kehtetu

EVS-EN ISO 7933:2004
Ergonomics of the thermal environment - Analytical determination and interpretation of heat stress using calculation of the predicted heat strain

Keel: en
Alusdokumendid: ISO 7933:2004; EN ISO 7933:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 7933:2023
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN ISO 13164-4:2020
Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2015)

Keel: en
Alusdokumendid: ISO 13164-4:2015; EN ISO 13164-4:2020
Asendatud järgmise dokumendiga: EVS-EN ISO 13164-4:2023
Standardi staatus: Kehtetu

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 761:1999
Plasttorustikusüsteemid. Klaassarrusega termokõvenevast plastist torud (GRP). Roometeguri kindlaksmääramine kuivades tingimustes
Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the creep factor under dry conditions

Keel: en
Alusdokumendid: EN 761:1994+AC:1995
Asendatud järgmise dokumendiga: EVS-EN ISO 10468:2023
Standardi staatus: Kehtetu

25 TOOTMISTEHNOLOOGIA

EVS-EN 21089:1999
Punktkeevitusseadmete elektroodikoonused. Mõõtmed
Electrode taper fits for spot welding equipment - Dimensions

Keel: en
Alusdokumendid: ISO 1089:1980; EN 21089:1991
Asendatud järgmise dokumendiga: EVS-EN ISO 1089:2023
Standardi staatus: Kehtetu

EVS-EN ISO 14172:2015
Welding consumables - Covered electrodes for manual metal arc welding of nickel and nickel alloys - Classification (ISO 14172:2015)

Keel: en
Alusdokumendid: ISO 14172:2015; EN ISO 14172:2015
Asendatud järgmise dokumendiga: EVS-EN ISO 14172:2023
Standardi staatus: Kehtetu

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 60904-2:2015
Photovoltaic devices - Part 2: Requirements for photovoltaic reference devices

Keel: en
Alusdokumendid: IEC 60904-2:2015; EN 60904-2:2015
Asendatud järgmise dokumendiga: EVS-EN IEC 60904-2:2023
Standardi staatus: Kehtetu

29 ELEKTROTEHNIKA

EVS-EN IEC 63044-4:2021/AC:2023
Home and building electronic systems (HBES) and building automation and control systems (BACS) - Part 4: General functional safety requirements for products intended to be integrated in HBES and BACS

Keel: en
Alusdokumendid: EN IEC 63044-4:2021/AC:2023-06
Asendatud järgmise dokumendiga: EVS-EN IEC 63044-4:2021/AC1:2023
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61000-4-6:2014
Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

Keel: en
Alusdokumendid: IEC 61000-4-6:2013; EN 61000-4-6:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 61000-4-6:2023
Standardi staatus: Kehtetu

EVS-EN 62351-3:2014
Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP

Keel: en
Alusdokumendid: IEC 62351-3:2014; EN 62351-3:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62351-3:2023
Muudetud järgmise dokumendiga: EVS-EN 62351-3:2014/A1:2018
Muudetud järgmise dokumendiga: EVS-EN 62351-3:2014/A2:2020
Standardi staatus: Kehtetu

EVS-EN 62351-3:2014/A1:2018
Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP

Keel: en
Alusdokumendid: IEC 62351-3:2014/A1:2018; EN 62351-3:2014/A1:2018
Asendatud järgmise dokumendiga: EVS-EN IEC 62351-3:2023
Standardi staatus: Kehtetu

EVS-EN 62351-3:2014/A2:2020
Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP

Keel: en
Alusdokumendid: IEC 62351-3:2014/A2:2020; EN 62351-3:2014/A2:2020
Asendatud järgmise dokumendiga: EVS-EN IEC 62351-3:2023
Standardi staatus: Kehtetu

EVS-EN 62351-9:2017
Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment

Keel: en
Alusdokumendid: IEC 62351-9:2017; EN 62351-9:2017
Asendatud järgmise dokumendiga: EVS-EN IEC 62351-9:2023
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-EN ISO/IEC 27001:2017
Infotehnoloogia. Turbemeetodid. Infoturbe halduse süsteemid. Nõuded
Information technology - Security techniques - Information security management systems - Requirements (ISO/IEC 27001:2013 including Cor 1:2014 and Cor 2:2015)

Keel: en, et
Alusdokumendid: ISO/IEC 27001:2013; EN ISO/IEC 27001:2017; ISO/IEC 27001:2013/Cor 1:2014; ISO/IEC 27001:2013/Cor 2:2015
Asendatud järgmise dokumendiga: EVS-EN ISO/IEC 27001:2023
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 16186-5:2021
Railway applications - Driver's cabs - Part 5: External visibility for tram vehicles

Keel: en
Alusdokumendid: EN 16186-5:2021
Asendatud järgmise dokumendiga: EVS-EN 16186-5:2021+A1:2023
Standardi staatus: Kehtetu

53 TÕSTE- JA TEISALDUS-SEADMED

EVS-EN ISO 22721:2008
Conveyor belts - Specification for rubber or plastics covered conveyor belts of textile construction for underground mining

Keel: en
Alusdokumendid: ISO 22721:2007; EN ISO 22721:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 22721:2023
Standardi staatus: Kehtetu

55 PAKENDAMINE JA KAUPADE JAOTUSSÜSTEEMID

EVS-EN 16287-1:2014
Glass packaging - Screw finishes for pressure capsules - Part 1: Returnable glass MCA 1 finish

Keel: en
Alusdokumendid: EN 16287-1:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16287-2:2014
Glass packaging - Screw finishes for pressure capsules - Part 2: One way glass MCA 1 finish

Keel: en
Alusdokumendid: EN 16287-2:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16288-1:2014
Glass packaging - Screw finishes for pressure capsules - Part 1: Returnable glass MCA 3 finish

Keel: en
Alusdokumendid: EN 16288-1:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16288-2:2014
Glass packaging - Screw finishes for pressure capsules - Part 2: One way glass MCA 3 finish

Keel: en
Alusdokumendid: EN 16288-2:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16289:2013
Glass packaging - Screw finishes for pressure capsules - MCA 7,5 RF finish

Keel: en
Alusdokumendid: EN 16289:2013
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16290-1:2014
Glass packaging - Screw finishes for pressure capsules - Part 1: Returnable glass MCA 7,5 R finish

Keel: en
Alusdokumendid: EN 16290-1:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16290-2:2014
Glass packaging - Screw finishes for pressure capsules - Part 2: One way glass MCA 7,5 R finish

Keel: en
Alusdokumendid: EN 16290-2:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16291-1:2013
Glass packaging - Screw finishes for pressure capsules - Part 1: Returnable glass MCA 2 finish

Keel: en
Alusdokumendid: EN 16291-1:2013
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

EVS-EN 16291-2:2013
Glass packaging - Screw finishes for pressure capsules - Part 2: One way glass MCA 2 finish

Keel: en
Alusdokumendid: EN 16291-2:2013
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Parandatud järgmise dokumendiga: EVS-EN 16291-2:2013/AC:2014
Standardi staatus: Kehtetu

EVS-EN 16291-2:2013/AC:2014
Glass packaging - Screw finishes for pressure capsules - Part 2: One way glass MCA 2 finish

Keel: en
Alusdokumendid: EN 16291-2:2013/AC:2014
Asendatud järgmise dokumendiga: EVS-EN 17829:2023
Standardi staatus: Kehtetu

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 5537:2004
Dried milk - Determination of moisture content (Reference method)

Keel: en
Alusdokumendid: ISO 5537:2004; EN ISO 5537:2004
Asendatud järgmise dokumendiga: EVS-EN ISO 5537:2023
Standardi staatus: Kehtetu

73 MÄENDUS JA MAAVARAD

EVS-EN ISO 22721:2008
Conveyor belts - Specification for rubber or plastics covered conveyor belts of textile construction for underground mining

Keel: en
Alusdokumendid: ISO 22721:2007; EN ISO 22721:2007
Asendatud järgmise dokumendiga: EVS-EN ISO 22721:2023
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN 10209:2013
Cold rolled low carbon steel flat products for vitreous enamelling - Technical delivery conditions

Keel: en
Alusdokumendid: EN 10209:2013
Asendatud järgmise dokumendiga: EVS-EN 10209:2023
Standardi staatus: Kehtetu

EVS-EN ISO 204:2018
Metallic materials - Uniaxial creep testing in tension - Method of test (ISO 204:2018)

Keel: en
Alusdokumendid: ISO 204:2018; EN ISO 204:2018
Asendatud järgmise dokumendiga: EVS-EN ISO 204:2023
Standardi staatus: Kehtetu

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

EVS-EN ISO 3262-14:2001
Extenders for paints - Specifications and methods of test - Part 14: Cristobalite

Keel: en
Alusdokumendid: ISO 3262-14:2000; EN ISO 3262-14:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-14:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-18:2000
Extenders for paints - Specifications and methods of test - Part 18: Precipitated sodium aluminium silicate

Keel: en
Alusdokumendid: ISO 3262-18:2000; EN ISO 3262-18:2000
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-18:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-7:2000
Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 7: Dolomiit
Extenders for paints - Specifications and methods of test - Part 7: Dolomite

Keel: en
Alusdokumendid: ISO 3262-7:1998; EN ISO 3262-7:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-7:2023
Standardi staatus: Kehtetu

EVS-EN ISO 3262-9:2000
Värvide täiteained. Tehnilised andmed ja katsemeetodid. Osa 9: Põletatud savi
Extenders for paints - Specifications and methods of test - Part 9: Calcined clay

Keel: en
Alusdokumendid: ISO 3262-9:1997; EN ISO 3262-9:1998
Asendatud järgmise dokumendiga: EVS-EN ISO 3262-9:2023
Standardi staatus: Kehtetu

91 EHITUSMATERJALID JA EHITUS

CWA 50487:2005
SmartHouse Code of Practice

Keel: en
Alusdokumendid: CWA 50487:2005+AC:2006
Standardi staatus: Kehtetu

EVS-EN 12152:2002
Curtain walling - Air permeability - Performance requirements and classification

Keel: en
Alusdokumendid: EN 12152:2002
Asendatud järgmise dokumendiga: EVS-EN 12152:2023
Standardi staatus: Kehtetu

EVS-EN 12153:2000
Curtain walling - Air permeability - Test method

Keel: en
Alusdokumendid: EN 12153:2000
Asendatud järgmise dokumendiga: EVS-EN 12153:2023
Standardi staatus: Kehtetu

EVS-EN ISO 25745-1:2012
Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and verification (ISO 25745-1:2012)

Keel: en
Alusdokumendid: ISO 25745-1:2012; EN ISO 25745-1:2012
Asendatud järgmise dokumendiga: EVS-EN ISO 25745-1:2023
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

Arvamusküsitlusele esitatakse Euroopa ja rahvusvahelised standardikavandid, mis on kavas üle võtta Eesti standarditeks, ja Eesti algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
- tähis;
- pealkiri;
- käsitlusala;
- keel (en = inglise; et = eesti);
- Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
- asendusseos, selle olemasolul;
- arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

prEN ISO 24808
Recreational diving services - Requirements for rebreather instructor training (ISO/DIS 24808:2023)

This document specifies requirements for rebreather instructor training programmes which provide the competencies required to be able to train rebreather divers. This document specifies evaluation criteria for these competencies and specifies the requirements for four levels of rebreather instructor. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en
Alusdokumendid: ISO/DIS 24808; prEN ISO 24808

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 8804-1
Requirements for the training of scientific divers - Part 1: Scientific divers (ISO/DIS 8804-1:2023)

This 3 part standard specifies the requirements for the training of scientific divers at 3 levels. The standard shall be limited in its scope so as to be applicable to all disciplines of science. Scientific Diver - Is capable of diving for scientific purposes under the supervision of an Advanced Scientific Diver and under the overall oversight of a Scientific Project Leader. Advanced Scientific Diver - An individual with specific technical or academic skills capable of diving for scientific purposes. Scientific Diving Project Leader - Is capable of overseeing the conduct of a scientific diving project. Each standard will specify Competencies, Prerequisites for training, Introductory information, Required theoretical knowledge, Required practical skills, Practical training parameters and Evaluation criteria for training systems aimed at training Scientific Divers, Advanced Scientific Divers and Scientific Diving Project Leaders. It is envisaged that each part of this three part standard will be a stand-alone deliverable (similar to ISO 24801 parts one, two and three).

Keel: en
Alusdokumendid: ISO/DIS 8804-1; prEN ISO 8804-1

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 8804-2
Requirements for the training of scientific divers - Part 2: Advanced scientific divers (ISO/DIS 8804-2:2023)

This 3 part standard specifies the requirements for the training of scientific divers at 3 levels. The standard shall be limited in its scope so as to be applicable to all disciplines of science. Scientific Diver - Is capable of diving for scientific purposes under the supervision of an Advanced Scientific Diver and under the overall oversight of a Scientific Project Leader. Advanced Scientific Diver - An individual with specific technical or academic skills capable of diving for scientific purposes. Scientific Diving Project Leader - Is capable of overseeing the conduct of a scientific diving project. Each standard will specify Competencies, Prerequisites for training, Introductory information, Required theoretical knowledge, Required practical skills, Practical training parameters and Evaluation criteria for training systems aimed at training Scientific Divers, Advanced Scientific Divers and Scientific Diving Project Leaders. It is envisaged that each part of this three part standard will be a stand-alone deliverable (similar to ISO 24801 parts one, two and three).

Keel: en
Alusdokumendid: ISO/DIS 8804-2; prEN ISO 8804-2

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 8804-3

Requirements for the training of scientific divers - Part 3: Scientific diving project leader (ISO/DIS 8804-3:2023)

This 3 part standard specifies the requirements for the training of scientific divers at 3 levels. The standard shall be limited in its scope so as to be applicable to all disciplines of science. Scientific Diver - Is capable of diving for scientific purposes under the supervision of an Advanced Scientific Diver and under the overall oversight of a Scientific Project Leader. Advanced Scientific Diver - An individual with specific technical or academic skills capable of diving for scientific purposes. Scientific Diving Project Leader - Is capable of overseeing the conduct of a scientific diving project. Each standard will specify Competencies, Prerequisites for training, Introductory information, Required theoretical knowledge, Required practical skills, Practical training parameters and Evaluation criteria for training systems aimed at training Scientific Divers, Advanced Scientific Divers and Scientific Diving Project Leaders. It is envisaged that each part of this three part standard will be a stand-alone deliverable (similar to ISO 24801 parts one, two and three).

Keel: en
Alusdokumendid: ISO/DIS 8804-3; prEN ISO 8804-3

Arvamusküsitluse lõppkuupäev: 13.10.2023

07 LOODUS- JA RAKENDUSTEADUSED

EN ISO 6887-1:2017/prA1

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions - Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative methods (ISO 6887-1:2017/DAM1:2023)

Amendment to EN ISO 6887-1:2017

Keel: en
Alusdokumendid: ISO 6887-1:2017/DAmd 1; EN ISO 6887-1:2017/prA1
Muudab dokumenti: EVS-EN ISO 6887-1:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

11 TERVISEHOOLDUS

EN 60601-2-68:2015/prA1:2023

Amendment 1 - Medical electrical equipment - Part 2-68: Particular requirements for the basic safety and essential performance of X-ray-based image-guided radiotherapy equipment for use with electron accelerators, light ion beam therapy equipment and radionuclide beam therapy equipment

Amendment to EN 60601-2-68:2015

Keel: en
Alusdokumendid: 62C/876/CDV; EN 60601-2-68:2015/prA1:2023
Muudab dokumenti: EVS-EN 60601-2-68:2015

Arvamusküsitluse lõppkuupäev: 13.10.2023

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EN ISO 7029:2017/prA1

Acoustics - Statistical distribution of hearing thresholds related to age and gender - Amendment 1: Correction of parameter values for estimating the hearing threshold distribution (ISO 7029:2017/DAM 1:2023)

Amendment to EN ISO 7029:2017

Keel: en
Alusdokumendid: ISO 7029:2017/DAmd 1; EN ISO 7029:2017/prA1
Muudab dokumenti: EVS-EN ISO 7029:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 12255-1

Wastewater treatment plants - Part 1: General construction principles

This European Standard specifies general requirements for structures and equipment as they relate to wastewater treatment plants for a total population of more than 50 PT. The primary application is designed for wastewater treatment plants for the

treatment of domestic and municipal wastewater. Requirements for structures which are not specific for wastewater treatment plants are not within the scope of this European Standard. Other ENs can apply. Equipment which is not solely used in wastewater treatment plants is subject to the applicable product standards. However, specific requirements for such equipment when used in wastewater treatment plants are included in this part. General principles of building construction, mechanical and electrical engineering are not subject of this standard. This European Standard does not cover the design of treatment processes. Differences in wastewater treatment throughout Europe have led to a variety of systems being developed. This standard gives fundamental information about the systems; this standard has not attempted to specify all available systems. Detailed information additional to that contained in this standard may be obtained by referring to the Bibliography.

Keel: en
Alusdokumendid: prEN 12255-1
Asendab dokumenti: EVS-EN 12255-1:2002

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 12255-7

Wastewater treatment plants - Part 7: Biological fixed-film reactors

This European Standard specifies the design principles and performance requirements for secondary treatment by biological fixed-film reactors at wastewater treatment plants for more than 50 PT. The primary application is for wastewater treatment plants designed for the treatment of domestic and municipal wastewater. Biological fixed film reactors include biological trickling filters, rotating biological contactors, submerged bed reactors and biofilters. Differences in wastewater treatment throughout Europe have led to a variety of systems being developed. This standard gives fundamental informations about the systems; this standard has not attempted to specify all available systems. Detailed information additional to that contained in this standard may be obtained by referring to the Bibliography.

Keel: en
Alusdokumendid: prEN 12255-7
Asendab dokumenti: EVS-EN 12255-7:2002

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 16321-4

Eye and face protection for occupational use - Part 4: Additional requirements for protection against biological hazards (ISO/DIS 16321-4:2023)

This Standard specifies minimum requirements for eye and face protectors designed to provide protection for the eyes and faces of biological hazards, such as human or animal bodily fluids and microorganisms including viruses and other particulates. Requirements for spray, splash and spurt protection are given and appendices describing appropriate text methods are included in this Standard. This document applies to all afocal (plano) and prescription lens protectors and components. This document does not apply to: • Protectors specifically intended for protection from impact eg from high speed particles and fragments, non-solar optical radiation, dusts, molten metals, heat, flame, hot solids, harmful gases, vapours (and aerosols); • Protectors specifically for sports, • Protectors for lasers or non-ionizing radiation

Keel: en
Alusdokumendid: ISO/DIS 16321-4; prEN ISO 16321-4

Arvamusküsitluse lõppkuupäev: 13.10.2023

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN 13523-1

Coil coated metals - Test methods - Part 1: Film thickness

This document specifies the procedures for determining the dry-film thickness of an organic coating on a metallic substrate (coil coating). Five appropriate methods are given in this document: a) magnetic induction; b) eddy current; c) micrometer; d) optical; e) ruggedized optical interference. The methods are applicable only to products with smooth and flat substrates, but the coating itself can be textured. In that case, for methods a) and b), the average of a series of readings will represent an average of the thickness of the organic coating, while method c) will give the maximum thickness, method d) can provide the minimum, maximum and average thickness, and e) will give the total thickness. Non-destructive continuous-web methods on measurement of dry-film thickness are only applicable on method a).

Keel: en
Alusdokumendid: prEN 13523-1
Asendab dokumenti: EVS-EN 13523-1:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 5463

Geometrical product specifications (GPS) - Form measuring equipment; Rotary axis form measuring instruments - Design and metrological characteristics (ISO/DIS 5463:2023)

This document specifies the most important design and metrological characteristics of rotary axis form measuring instruments. It is not applicable to coordinate measurement systems as defined by ISO 10360, whether they are fitted with a rotary axis or not, except with special agreement.

Keel: en
Alusdokumendid: ISO/DIS 5463; prEN ISO 5463

Arvamusküsitluse lõppkuupäev: 13.10.2023

19 KATSETAMINE

prEN IEC 60721-3-9:2023

Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 9: Microclimates inside products

This part of IEC 60721 classifies groups of microclimatic conditions, to which components (basic parts, assemblies, built-in units) may be subjected inside products, which are used under the climatic conditions as classified in IEC 60721-3-3 and IEC 60721-3-4. Characteristic parameters for the microclimates are high air temperature and high relative air humidity. Further parameters of the climatic classes e.g. low temperature can affect the components additionally, but have not been considered here. A limited number of microclimatic classes is specified taking into consideration typical limiting high air temperatures of components. The user of the standard should select the lowest class necessary for covering the intended use. NOTE Microclimate can mean, e.g., in meteorology or buildings a different thing than those discussed in this standard.

Keel: en
Alusdokumendid: 104/1006/CDV; prEN IEC 60721-3-9:2023
Asendab dokumenti: EVS-EN 60721-3-9:2002
Asendab dokumenti: EVS-EN 60721-3-9:2002/A1:2006

Arvamusküsitluse lõppkuupäev: 13.10.2023

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EN 14276-1:2020/prA1

Pressure equipment for refrigerating systems and heat pumps - Part 1: Vessels - General requirements

This document specifies the requirements for material, design, manufacturing, testing and documentation for stationary pressure vessels intended for use in refrigerating systems and heat pumps. These systems are referenced in this document as refrigerating systems as defined in EN 378-1:2016. The term "refrigerating system" used in this document includes heat pumps. This document applies to vessels, including welded or brazed attachments up to and including the nozzle flanges, screwed, welded or brazed connectors, or to the edge to be welded or brazed at the first circumferential joint connecting piping or other elements. This document applies to pressure vessels with an internal pressure down to -1 bar, to account for the evacuation of the vessel prior to charging with refrigerant. This document applies to both the mechanical loading conditions and thermal conditions as defined in EN 13445-3:2014 associated with refrigerating systems. It applies to pressure vessels subject to the maximum allowable temperatures for which nominal design stresses for materials are derived using EN 13445-2:2014 and EN 13445-3:20141 or as specified in this document. In addition, vessels designed to this document can have a maximum allowable temperature not exceeding 200 °C and a maximum design pressure not exceeding 160 bar. Outside of these limits, it is important that the EN 13445 series be used for the design, construction and inspection of the vessel. Under these circumstances, it is important that the unique nature of refrigerating plant, as indicated in the introduction to this document, also be taken into account. It is important that pressure vessels used in refrigerating systems and heat pumps of category less than II as defined in Annex H comply with other relevant clauses of EN 378-2:2016 for vessels. This document applies to pressure vessels where the main pressure bearing parts are manufactured from metallic ductile materials as defined in Clause 4 and Annex I of this document. This document does not apply to vessels of the following types: - vessels of riveted construction; - multi-layered, autofrettaged or prestressed vessels; - vessels directly heated by a flame; - "roll bond" heat exchangers.

Keel: en
Alusdokumendid: EN 14276-1:2020/prA1
Muudab dokumenti: EVS-EN 14276-1:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

EN 14276-2:2020/prA1

Pressure equipment for refrigerating systems and heat pumps - Part 2: Piping - General requirements

1.1 This document specifies the requirements for material, design, manufacturing, testing and documentation for stationary piping intended for use in refrigerating systems, heat pumps and secondary cooling and heating systems. These refrigerating systems and heat pump systems are referenced in this document as refrigerating systems as defined in EN 378-1:2016. The term "refrigerating system" used in this document includes heat pumps. 1.2 This document applies to piping, including welded or brazed attachments up to and including the flanges, screwed, welded or brazed connectors, or to the edge to be welded or brazed at the first circumferential joint connecting piping or other elements. 1.3 This document applies to the selection, application and installation of safety accessories intended to protect the piping during the various phases of the refrigeration cycle. 1.4 This document applies to the following piping: - heat exchanger consisting of piping for the purpose of cooling or heating air where piping aspects are predominant; - piping incorporated into an assembly (e.g. self-contained system, condensing unit); - field erected piping. 1.5 This document applies to piping with an internal pressure down to -1 bar, to account for the evacuation of the piping prior to charging with refrigerant. 1.6 This document applies to both the mechanical loading conditions and thermal conditions as defined in EN 13445 3:2014/A5:2018 associated with refrigerating systems. It applies to piping subject to the maximum allowable temperatures for which nominal design stresses for materials are derived using EN 14276-1:2020 or as specified in this document. In addition, piping designed to this document will have a maximum design temperature not exceeding 200 °C and a maximum design pressure not exceeding 160 bar. Outside of these limits, the EN 13480 series can be used for the design construction and inspection of the piping. Under these circumstances, the unique nature of a refrigerating plant, as

indicated in the introduction of EN 14276-1:2020, will also be taken into account. 1.7 This document applies to piping where the main pressure bearing parts are manufactured from metallic ductile materials as defined in Clause 4 and in EN 14276-1:2020.

Keel: en
Alusdokumendid: EN 14276-2:2020/prA1
Muudab dokumenti: EVS-EN 14276-2:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 4080

Rubber and plastics hoses and tubing, and their assemblies - Determination of permeability to gas (ISO/DIS 4080:2023)

This document specifies three methods for the determination of the volume of gas diffusing through a rubber or plastics hose or length of tubing used for gas applications in a specified time. Method 1: For determining the volume of gas diffusing through the complete hose or length of tubing, excluding end fittings in a specified time. This method is suitable for textile reinforced hose with either pricked cover or textile cover or both, although this method is not suitable for textile reinforced hose with unpricked cover. The permeability is calculated with respect to the length of the hose or tubing and to the surface area of the hose lining or the tubing. Method 2: For determining the volume of gas diffusing at the hose and fitting interface. This method is used when determining the permeability characteristics of textile reinforced hoses with an unpricked cover, when the gas usually issues from the textile reinforcement at the cut ends. The permeability is calculated with respect to the length of the hose and to the surface area of the hose lining. Method 3: For precisely determining the volume of gas diffusing through the complete hose or length of tubing including end fittings in a specified time. This method is not suitable for textile reinforced hose with unpricked cover. The permeability is calculated with respect to the length of the hose or tubing and to the surface area of the hose lining or the tubing. NOTE 1 Guidance on test methods are provided in Annex C, Table C.1. NOTE 2 Explanation of permeability is provided in Annex A, where the concept of trapped air and permeation is explained in Figure A.1.

Keel: en
Alusdokumendid: ISO/DIS 4080; prEN ISO 4080
Asendab dokumenti: EVS-EN ISO 4080:2010

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 8028

Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO/DIS 8028:2023)

ISO 8028:2017 specifies the requirements for four types of hose and hose assemblies for use in airless paint spraying. The four types are differentiated by burst pressure and operating temperature, and can be constructed from rubber or plastic materials, or a combination of rubber and plastic material.

Keel: en
Alusdokumendid: ISO/DIS 8028; prEN ISO 8028
Asendab dokumenti: EVS-EN ISO 8028:2018

Arvamusküsitluse lõppkuupäev: 13.10.2023

25 TOOTMISTEHNOLOOGIA

prEN 12814-8

Testing of welded joints of thermoplastics semi-finished products - Part 8: Requirements

This document provides the requirements for the tests made on welded thermoplastics semi-finished products. The selection of the appropriate test method(s) is made in accordance with the particular type and application of welded product. The test results depend on the conditions of manufacture for the test specimen and on the test conditions. They can therefore only be related to the behaviour of the product or can only be used for designing a structure, if the test conditions can be related to the service conditions.

Keel: en
Alusdokumendid: prEN 12814-8
Asendab dokumenti: EVS-EN 12814-8:2021

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-1

Coil coated metals - Test methods - Part 1: Film thickness

This document specifies the procedures for determining the dry-film thickness of an organic coating on a metallic substrate (coil coating). Five appropriate methods are given in this document: a) magnetic induction; b) eddy current; c) micrometer; d) optical; e) ruggedized optical interference. The methods are applicable only to products with smooth and flat substrates, but the coating itself can be textured. In that case, for methods a) and b), the average of a series of readings will represent an average of the thickness of the organic coating, while method c) will give the maximum thickness, method d) can provide the minimum, maximum and average thickness, and e) will give the total thickness. Non-destructive continuous-web methods on measurement of dry-film thickness are only applicable on method a).

Keel: en
Alusdokumendid: prEN 13523-1
Asendab dokumenti: EVS-EN 13523-1:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-10

Coil coated metals - Test methods - Part 10: Resistance to fluorescent UV radiation and water condensation

This part of the EN 13523 series specifies the basic principles and procedure for determining the resistance of an organic coating on a metallic substrate (coil coating) to a combination of fluorescent UV radiation, and water condensation and temperature under controlled conditions. Due to varied conditions which occur during natural weathering and the extreme nature of accelerated testing, correlation between the two cannot be expected. Not all organic coatings will perform on an equal basis but a degree of correlation between the same generic type might be observed.

Keel: en
Alusdokumendid: prEN 13523-10
Asendab dokumenti: EVS-EN 13523-10:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-12

Coil coated metals - Test methods - Part 12: Resistance to scratching

This document specifies the procedure for determining the resistance of an organic coating on a metallic substrate to penetration by scratching with a needle. It is possible that with some aluminium alloys and thin gauge steel substrate below 0,4 mm, that rather than scratching, the needle will deform the substrate. Under these conditions, this test method is not applicable. Soft coatings such as poly vinyl chloride (PVC) and structured coatings will not give a precise result due to the soft nature of the coating and/or the potential for the needle to snag. The method is not applicable to conductive coatings.

Keel: en
Alusdokumendid: prEN 13523-12
Asendab dokumenti: EVS-EN 13523-12:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-21

Coil coated metals - Test methods - Part 21: Evaluation of outdoor exposed panels

This part of the EN 13523 series specifies the procedure for evaluating the behaviour of an organic coating on a metallic substrate during and after outdoor exposure. Panel design, preparation and the procedure for outdoor exposure are performed in accordance with EN 13523 19. After washing of the panel, some dirt can remain on the panel. This remaining dirt can influence the accuracy and precision of readings of gloss and colour, performed on exposed panels, although carried out in accordance with the standards. Unlike other precise measurements, the objective of this European Standard is to report on trends in the corrosion and/or paint degradation behaviour of coil coated panels.

Keel: en
Alusdokumendid: prEN 13523-21
Asendab dokumenti: EVS-EN 13523-21:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-22

Coil coated metals - Test methods - Part 22: Colour difference - Visual comparison

This document specifies the procedure for determining the difference in the colour of an organic coating on a metallic substrate by visual comparison against a standard using either diffuse natural daylight or artificial daylight in a standard booth. NOTE Results can differ between natural and artificial daylight. It might be that two colour specimens will match in daylight but not under another light source. This phenomenon is known as metamerism (see EN 13523 3). If a metameric match is to be reported in objective terms, spectrophotometric measurements (using CIE Standard Illuminants D65 and A) can be made, in accordance with EN 13523 3. No statement is made about either the precision or the accuracy of this procedure since the results derived are neither in numerical form nor do they provide a pass/fail evaluation in objective terms. Therefore, this procedure is only intended to be used where the use of colour measuring instruments is not recommendable (evaluation of colour matches, inspection of metallic colours, etc.). The standardization of such visual comparisons, by light sources, illuminating and viewing geometry and specimen size, provides for improved uniformity of results. This practice is essential for critical colour matching and is highly recommended for colour inspections.

Keel: en
Alusdokumendid: prEN 13523-22
Asendab dokumenti: EVS-EN 13523-22:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-29

Coil coated metals - Test methods - Part 29: Resistance to environmental soiling (Dirt pick-up and striping)

This part of the EN 13523 series specifies a procedure for the comparative evaluation of resistance to soiling of an organic coating on a metallic substrate (coil coating) in an outdoor exposure environment, particularly the soiling defect known as "Tiger stripes".

Keel: en
Alusdokumendid: prEN 13523-29
Asendab dokumenti: EVS-EN 13523-29:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-3

Coil coated metals - Test methods - Part 3: Colour difference and metamerism - Instrumental comparison

This document specifies procedures for determining the instrumental colour difference (CIELAB or) of an organic coating on a metallic substrate compared to another one used as a reference (usually called reference) and the metamerism depending on the illuminant. When two colour specimens have identical spectral reflectance curves, they are matching under any illuminant irrespective of its spectral characteristics. This is termed a “spectral match”. It is also possible for two colour specimens having different spectral reflectance curves to match visually under a given light source but not to match under another light source with different spectral characteristics; such matches are termed "metameric". One quantitative description of metamerism is the so-called "metamerism index". Information on the metamerism index is of limited value where ΔE (instrumental colour difference for a given illuminant) is > 0,5. The metamerism index is not suited for determining the absolute colour difference or colour consistency of a given specimen at change of illuminant. The colour difference under the reference illuminant is to be measured in colour coordinates L*, a* and b*. Excluded from this method are organic coatings producing fluorescence and/or which are multicoloured, pearlescent or metallic. Establishing a reference as well as the magnitude of an acceptable colour difference are not covered by this method. Two methods are given in this document: a) instrumental colour difference measurement using a tristimulus colourimeter; b) instrumental colour difference measurement using a spectrophotometer or equivalent. It is advised that care is taken when measuring e.g. - textured surfaces; - fluorescent coatings; - metameric coatings; - multi-coloured, pearlescent, metallic or special colour effect coatings.

Keel: en
Alusdokumendid: prEN 13523-3
Asendab dokumenti: EVS-EN 13523-3:2021

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 13523-8

Coil coated metals - Test methods - Part 8: Resistance to salt spray (fog)

This part of The EN 13523 series specifies the procedures for determining the resistance to salt spray (fog) of an organic coating on a metallic substrate (coil coating). For steel, neutral salt spray (fog) is usually used, and for aluminium, acetic acid salt spray (fog).

Keel: en
Alusdokumendid: prEN 13523-8
Asendab dokumenti: EVS-EN 13523-8:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 15895

Powder actuated hand-held fixing and hard marking tools - Safety requirements

This document covers safety requirements for powder actuated fixing and hard marking tools which operate with an intermediate member (piston) and are handled manually. This document deals with all significant hazards, hazardous situations and events relevant to powder actuated fixing and hard marking tools, when they are used as intended and under conditions of misuse which are reasonably foreseeable (see Clause 4). It deals with the significant hazards in the different operating modes and intervention procedures as referred to in EN ISO 12100:2010, 5.4, 5.5, 5.6. Although the safe use of powder actuated tools depends to an important extent on the use of appropriate cartridges and fasteners, this document is not formulating requirements for the cartridges and fasteners to be used with the tools (see Clause 7). This document applies to tools designed for use with cartridges with casings made of metal or plastic and with solid propellant and containing a minor quantity of primer mix with a composition different from that of the main propellant. This document applies to tools designed for use with single cartridges or with cartridges collated in disks or in strips. The fixing tools in the scope are those intended for use with fasteners made from metal. NOTE Information about cartridges can be found either in EN 16264:2014 or the publication of the Permanent International Commission for the Proof of Small Arms (C.I.P.). This document is not applicable to powder actuated fixing and hard marking tools which are manufactured before the date of its publication as EN.

Keel: en
Alusdokumendid: prEN 15895
Asendab dokumenti: EVS-EN 15895:2011+A1:2018

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 23125-1

Machine tools safety - Turning machines - Part 1: Safety requirements (ISO/DIS 23125-1:2023)

This International Standard specifies the requirements and/or measures to eliminate the hazards or reduce the risks in the following groups of turning machines and turning centres, which are designed primarily to shape metal by cutting. — Group 1: Manually controlled turning machines without numerical control. — Group 2: Manually controlled turning machines with limited numerically controlled capability. — Group 3: Numerically controlled turning machines and turning centres. — Group 4: Single- or multi-spindle automatic turning machines. NOTE 1 For detailed information on the machine groups, see the definitions in 3.5, features and limitations in 5.1.1 and mandatory and optional modes of operation in 5.1.2.1. NOTE 2 Requirements in this International Standard are, in general, applicable to all groups of turning machines. If requirements are applicable to some special group(s) of turning machines only, then the special group(s) of turning machine(s) is/are specified. NOTE 3 The automatic exchange of clamping devices are excluded from this standard. This international standard takes account of intended use, including reasonably foreseeable misuse, maintenance, cleaning, and setting operations. It specifies access conditions to operators positions and manual load/unload stations. It presumes accessibility to the machine from all directions. It describes means to reduce risks to operators and other exposed persons. This international standard also applies to workpiece transfer devices including transport devices for loading/unloading when they form an integral part of the machine. This international

standard deals with significant hazards relevant to turning machines when they are used as intended and under the conditions foreseen by the manufacturer (see 4). Risk analysis of hazards arising from other metal working processes (e.g. grinding, milling, friction welding, forming, electro discharge, laser processing) are covered by other standards (see Bibliography). However, if additional milling and grinding operations are provided hazard arising from additional clamping condition and ejection of parts shall be considered. This International Standard also applies to machines which are integrated into an automatic production line or turning cell in as much as the hazards and risks arising are comparable to those of machines working separately. This International Standard also includes a minimum list of safety-relevant information which the manufacturer has to provide to the user. See also ISO 12100:2010, Figure 2, which illustrates the interaction of manufacturer's and user's responsibility for the operational safety. The user's responsibility is to identify specific hazards (e.g. fire and explosion) and reduce the associated risks can be critical (e.g. whether the central extraction system is working correctly). This International Standard applies to machines that are manufactured after the date of issue of this International Standard.

Keel: en
Alusdokumendid: ISO/DIS 23125-1; prEN ISO 23125-1
Asendab dokumenti: EVS-EN ISO 23125:2015

Arvamusküsitluse lõppkuupäev: 13.10.2023

27 ELEKTRI- JA SOOJUSENERGEETIKA

EN 14276-1:2020/prA1

Pressure equipment for refrigerating systems and heat pumps - Part 1: Vessels - General requirements

This document specifies the requirements for material, design, manufacturing, testing and documentation for stationary pressure vessels intended for use in refrigerating systems and heat pumps. These systems are referenced in this document as refrigerating systems as defined in EN 378-1:2016. The term "refrigerating system" used in this document includes heat pumps. This document applies to vessels, including welded or brazed attachments up to and including the nozzle flanges, screwed, welded or brazed connectors, or to the edge to be welded or brazed at the first circumferential joint connecting piping or other elements. This document applies to pressure vessels with an internal pressure down to -1 bar, to account for the evacuation of the vessel prior to charging with refrigerant. This document applies to both the mechanical loading conditions and thermal conditions as defined in EN 13445-3:2014 associated with refrigerating systems. It applies to pressure vessels subject to the maximum allowable temperatures for which nominal design stresses for materials are derived using EN 13445-2:2014 and EN 13445-3:20141 or as specified in this document. In addition, vessels designed to this document can have a maximum allowable temperature not exceeding 200 °C and a maximum design pressure not exceeding 160 bar. Outside of these limits, it is important that the EN 13445 series be used for the design, construction and inspection of the vessel. Under these circumstances, it is important that the unique nature of refrigerating plant, as indicated in the introduction to this document, also be taken into account. It is important that pressure vessels used in refrigerating systems and heat pumps of category less than II as defined in Annex H comply with other relevant clauses of EN 378-2:2016 for vessels. This document applies to pressure vessels where the main pressure bearing parts are manufactured from metallic ductile materials as defined in Clause 4 and Annex I of this document. This document does not apply to vessels of the following types: - vessels of riveted construction; - multi-layered, autofrettaged or prestressed vessels; - vessels directly heated by a flame; - "roll bond" heat exchangers.

Keel: en
Alusdokumendid: EN 14276-1:2020/prA1
Muudab dokumenti: EVS-EN 14276-1:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

EN 14276-2:2020/prA1

Pressure equipment for refrigerating systems and heat pumps - Part 2: Piping - General requirements

1.1 This document specifies the requirements for material, design, manufacturing, testing and documentation for stationary piping intended for use in refrigerating systems, heat pumps and secondary cooling and heating systems. These refrigerating systems and heat pump systems are referenced in this document as refrigerating systems as defined in EN 378-1:2016. The term "refrigerating system" used in this document includes heat pumps. 1.2 This document applies to piping, including welded or brazed attachments up to and including the flanges, screwed, welded or brazed connectors, or to the edge to be welded or brazed at the first circumferential joint connecting piping or other elements. 1.3 This document applies to the selection, application and installation of safety accessories intended to protect the piping during the various phases of the refrigeration cycle. 1.4 This document applies to the following piping: - heat exchanger consisting of piping for the purpose of cooling or heating air where piping aspects are predominant; - piping incorporated into an assembly (e.g. self-contained system, condensing unit); - field erected piping. 1.5 This document applies to piping with an internal pressure down to -1 bar, to account for the evacuation of the piping prior to charging with refrigerant. 1.6 This document applies to both the mechanical loading conditions and thermal conditions as defined in EN 13445 3:2014/A5:2018 associated with refrigerating systems. It applies to piping subject to the maximum allowable temperatures for which nominal design stresses for materials are derived using EN 14276-1:2020 or as specified in this document. In addition, piping designed to this document will have a maximum design temperature not exceeding 200 °C and a maximum design pressure not exceeding 160 bar. Outside of these limits, the EN 13480 series can be used for the design construction and inspection of the piping. Under these circumstances, the unique nature of a refrigerating plant, as indicated in the introduction of EN 14276-1:2020, will also be taken into account. 1.7 This document applies to piping where the main pressure bearing parts are manufactured from metallic ductile materials as defined in Clause 4 and in EN 14276-1:2020.

Keel: en
Alusdokumendid: EN 14276-2:2020/prA1
Muudab dokumenti: EVS-EN 14276-2:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 50725

Specification for portable electrical apparatus designed to measure draught and gas pressure of heating appliances and systems

This document specifies the requirements and test methods concerning, in particular the construction, safety, and fitness for purpose, as well as the capability and marking of a hand-held battery powered pressure and leakage measurement instrument, hereafter referred to as "pressure meters", for gas pipework in buildings, gas pipes of appliances and draught in chimneys. NOTE Areas of application can be supply pressure of gas appliances, nozzle pressure of gas appliances (see relevant instruction manuals of gas appliances) as well as strength test, tightness test and fitness test of gas pipework as defined in EN 1775 and relevant national standards for gas pipework in buildings, and draught measurement in chimneys of heating appliances. This document covers pressure meters with the capability of - use with air, natural gas, liquid petroleum gas (LPG), hydrogen and mixtures of natural gas and hydrogen, - measuring pressure in units of bar, mbar, Pa, hPa, kPa, MPa, H20, mm H2O or PSI, - measuring leakage rate in l/h, - withstanding the every-day working environment encountered by installation and service engineers in domestic, commercial, or industrial premises. Such pressure meters might be capable of - being switchable between units by the user, - storing and/or transmitting said measurements to a remote user.

Keel: en
Alusdokumendid: prEN 50725

Arvamusküsitluse lõppkuupäev: 13.10.2023

29 ELEKTROTEHNIKA

prEN IEC 60156:2023

Insulating liquids - Determination of the breakdown voltage at power frequency - Test method

This document specifies the method for determining the dielectric breakdown voltage of insulating liquids at power frequency. The test procedure is performed in a specified apparatus, where the oil sample is subjected to an increasing AC electrical field until breakdown occurs. The method applies to all types of insulating liquids of nominal viscosity up to 350 mm2 28 /s at 40 °C. It is appropriate both for acceptance testing on unused liquids at the time of their delivery and for establishing the condition of samples taken in monitoring and maintenance of equipment.

Keel: en
Alusdokumendid: 10/1201/CDV; prEN IEC 60156:2023
Asendab dokumenti: EVS-EN 60156:2003

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN IEC 60898-3:2023

Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation

This part of IEC 60898 applies to DC circuit-breakers, having a DC rated voltage not exceeding 440V, a rated current not exceeding 125 A and a rated short-circuit capacity not exceeding 10 000 A

Keel: en
Alusdokumendid: prEN IEC 60898-3:2023; IEC 60898-3:2019

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN IEC 60898-3:2023/prA1:2023

Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation

This part of IEC 60898 applies to DC circuit-breakers, having a DC rated voltage not exceeding 440V, a rated current not exceeding 125 A and a rated short-circuit capacity not exceeding 10 000 A.

Keel: en
Alusdokumendid: IEC 60898-3:2019/AMD1:2022; prEN IEC 60898-3:2023/prA1:2023
Muudab dokumenti: prEN IEC 60898-3:2023

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN IEC 60898-3:2023/prAA:2023

Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation

This part of IEC 60898 applies to DC circuit-breakers, having a DC rated voltage not exceeding 440V, a rated current not exceeding 125 A and a rated short-circuit capacity not exceeding 10 000 A.

Keel: en
Alusdokumendid: prEN IEC 60898-3:2023/prAA:2023
Muudab dokumenti: prEN IEC 60898-3:2023

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN IEC 62386-105:2023

Digital addressable lighting interface - Part 105: Particular requirements for control gear and control devices - Firmware transfer

This part of IEC 62386 applies to control gear and control devices for control by digital signals of electronic lighting equipment. Typically, a bus unit according to the IEC 62386 series contains firmware. There are circumstances where it might be necessary to change the firmware after production or shipping of the product. For example if the bus unit does not operate as intended. In such a case, a firmware update of a bus unit via the interface is beneficial. This firmware update process is primarily designed to be a bug fix process, not a feature extension process. Nevertheless the firmware update process can be used for feature extensions. But it is important that the risk of negative effects to the complete system is considered in detail. NOTE Annex D provides a “Firmware update management check sheet” to support risk estimation.

Keel: en
Alusdokumendid: 34/1062/CDV; prEN IEC 62386-105:2023
Asendab dokumenti: EVS-EN IEC 62386-105:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

31 ELEKTROONIKA

prEN IEC 60352-2:2023

Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance

This part of IEC 60352 is applicable to solderless crimped connections made with: − appropriately designed uninsulated or pre-insulated crimp barrels as parts of crimp contacts, terminal ends or splices, and − stranded wires of 0,05 mm2 to 10 mm2 533 cross-section or − solid wires of 0,25 mm to 3,6 mm diameter; for use in electrical and electronic equipment. Information on the materials and data from industrial experience is included in addition to the test procedures to provide electrically stable connections under prescribed environmental conditions. NOTE This part of IEC 60352 is not intended to be applicable to crimping of coaxial cables. The object of this part of IEC 60352 is to determine the suitability of solderless crimped connections as described above, under specified mechanical, electrical and atmospheric conditions and to provide a means of comparing test results when the tools used to make the connections are of different designs or manufacture.

Keel: en
Alusdokumendid: prEN IEC 60352-2:2022; 48B/3053/CDV
Asendab dokumenti: EVS-EN 60352-2:2006
Asendab dokumenti: EVS-EN 60352-2:2006/A1:2013

Arvamusküsitluse lõppkuupäev: 13.09.2023

prEN IEC 62276:2023

Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods

This document applies to the manufacture of synthetic quartz, lithium niobate (LN), lithium tantalate (LT), lithium tetraborate (LBO), and lanthanum gallium silicate (LGS) single crystal wafers intended for use as substrates in the manufacture of surface acoustic wave (SAW) filters and resonators.

Keel: en
Alusdokumendid: 49/1425/CDV; prEN IEC 62276:2023
Asendab dokumenti: EVS-EN 62276:2016

Arvamusküsitluse lõppkuupäev: 13.10.2023

33 SIDETEHNIKA

prEN IEC 60793-1-22:2023

Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement

This part of IEC 60793 establishes uniform requirements for measuring the length and elongation of optical fibre (typically within cable). The length of an optical fibre is one of the most fundamental values and shall be known for the evaluation of transmission characteristics such as losses and bandwidths. In addition, informative Annex F has been added to determine the tensile strain applied to a fibre. It uses Brillouin reflectometry (BOTDR) or so-called Brillouin analysis (BOTDA), which are single-sided and double-sided methods respectively.

Keel: en
Alusdokumendid: 86A/2335/CDV; prEN IEC 60793-1-22:2023
Asendab dokumenti: EVS-EN 60793-1-22:2003

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN IEC 60793-1-46:2023

Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in attenuation

This part of IEC 60793 establishes uniform requirements for the monitoring of changes in attenuation, thereby assisting in the inspection of fibres and cables for commercial purposes. This standard gives two methods for monitoring the changes in

attenuation of optical fibres and cables that occur during mechanical or environmental testing, or both. It provides a monitor in the change of attenuation characteristics arising from optical discontinuity, physical defects and modifications of the attenuation slope: – method A: change in attenuation by transmitted power; – method B: change in attenuation by backscattering. Methods A and B apply to the monitoring of all categories of the following fibres: – class A: multimode fibres; – class B: single-mode fibres; – class C: single-mode intraconnection fibres.

Keel: en
Alusdokumendid: 86A/2334/CDV; prEN IEC 60793-1-46:2023
Asendab dokumenti: EVS-EN 60793-1-46:2003

Arvamusküsitluse lõppkuupäev: 13.10.2023

35 INFOTEHNOLOOGIA

prEN ISO 19168-1

Geographic information - Geospatial API for features - Part 1: Core (ISO/DIS 19168-1:2023)

This document specifies the behaviour of Web APIs that provide access to features in a dataset in a manner independent of the underlying data store. This document defines discovery and query operations. Discovery operations enable clients to interrogate the API, including the API definition and metadata about the feature collections provided by the API, to determine the capabilities of the API and retrieve information about available distributions of the dataset. Query operations enable clients to retrieve features from the underlying data store based upon simple selection criteria, defined by the client.

Keel: en
Alusdokumendid: ISO/DIS 19168-1; prEN ISO 19168-1
Asendab dokumenti: EVS-EN ISO 19168-1:2021

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO/IEC 15408-1

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 1: Introduction and general model (ISO/IEC 15408-1:2022)

This document establishes the general concepts and principles of IT security evaluation and specifies the general model of evaluation given by various parts of the standard which in its entirety is meant to be used as the basis for evaluation of security properties of IT products. This document provides an overview of all parts of ISO/IEC 15408 (all parts). It describes the various parts of the standard; defines the terms and abbreviations to be used in all parts of the standard; establishes the core concept of a Target of Evaluation (TOE); describes the evaluation context and describes the audience to which the evaluation criteria is addressed. An introduction to the basic security concepts necessary for evaluation of IT products is given. This document introduces: the key concepts of Protection Profiles (PP), PP-Modules, PP-Configurations, packages, Security Targets (ST), and conformance types; a description of the organization of security components throughout the model; the various operations by which the functional and assurance components given in ISO/IEC 15408-2 and ISO/IEC 15408-3 may be tailored through the use of permitted operations; general information about the evaluation methods given in ISO/IEC 18045; guidance for the application of ISO/IEC 15408-4 in order to develop evaluation methods (EM) and evaluation activities (EA) derived from ISO/IEC 18045; general information about the pre-defined Evaluation Assurance Levels (EALs) defined in ISO/IEC 15408-5; and information in regard to the scope of evaluation schemes.

Keel: en
Alusdokumendid: ISO/IEC 15408-1:2022; prEN ISO/IEC 15408-1
Asendab dokumenti: EVS-EN ISO/IEC 15408-1:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO/IEC 15408-2

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 2: Security functional components (ISO/IEC 15408-2:2022)

This document defines the required structure and content of security functional components for the purpose of security evaluation. It includes a catalogue of functional components that will meet the common security functionality requirements of many IT products.

Keel: en
Alusdokumendid: ISO/IEC 15408-2:2022; prEN ISO/IEC 15408-2
Asendab dokumenti: EVS-EN ISO/IEC 15408-2:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO/IEC 15408-3

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 3: Security assurance components (ISO/IEC 15408-3:2022)

This document defines the assurance requirements of the ISO/IEC 15408 series. It includes the individual assurance components from which the evaluation assurance levels and other packages contained in ISO/IEC 15408-5 are composed, and the criteria for evaluation of Protection Profiles (PPs), PP-Configurations, PP-Modules, and Security Targets (STs).

Keel: en
Alusdokumendid: ISO/IEC 15408-3:2022; prEN ISO/IEC 15408-3
Asendab dokumenti: EVS-EN ISO/IEC 15408-3:2020

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO/IEC 15408-4

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 4: Framework for the specification of evaluation methods and activities (ISO/IEC 15408-4:2022)

The ISO/IEC 15408 series permits comparability between the results of independent security evaluations. The ISO/IEC 15408 series does so by providing a common set of requirements for the security functionality of IT products and for assurance measures applied to these IT products during a security evaluation. ISO/IEC 18045 provides a companion methodology for some of the assurance requirements specified in the ISO/IEC 15408 series, ISO/IEC 15408-1 and ISO/IEC 18045 also allow that more specific Evaluation Activities (EAs) may be derived for use in particular evaluation contexts. Specification of such Evaluation Activities is already occurring amongst practitioners and this creates a need for a specification for defining such Evaluation Activities. This document, ISO/IEC 15408-4, provides a standardised framework for specifying objective, repeatable and reproducible Evaluation Methods (EMs), and Evaluation Activities.

Keel: en
Alusdokumendid: ISO/IEC 15408-4:2022; prEN ISO/IEC 15408-4

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO/IEC 15408-5

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 5: Pre-defined packages of security requirements (ISO/IEC 15408-5:2022)

This document provides packages of security assurance and security functional requirements that have been identified as useful in support of common usage by stakeholders. EXAMPLE Examples of provided packages include the evaluation assurance levels (EAL) and the composed assurance packages (CAPs).

Keel: en
Alusdokumendid: ISO/IEC 15408-5:2022; prEN ISO/IEC 15408-5

Arvamusküsitluse lõppkuupäev: 13.10.2023

43 MAANTEESÕIDUKITE EHITUS

prEN 17860-5

Carrier cycles - Part 5: Electrical aspects

This document applies to: - functioal and electrical safety aspects of carrier cycles covered in all parts of EN 17860; - electrical aspects of electrically power assisted cycle trailers (EPACT) covered in prEN 17860-7; - electrical aspects of batteries used for carrier cycles; - electrical aspects of chargers used for carrier cycles. This document does not apply to charging stations. This document specifies requirements and test methods for motor power management systems, electrical circuits including the charger for the assessment of the design and assembly of carrier cycles and subassemblies for systems having a Safety Extra Low Voltage (SELV) maximum working voltage ≤ 60 V d.c. disregarding transients.

Keel: en
Alusdokumendid: prEN 17860-5

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17860-7

Carrier cycles - Part 7: Cargo trailers

This document specifies safety requirements and test methods for single and multi-axle cargo trailers and their connecting devices. This document applies to cargo trailers with a maximum gross vehicle weight of 600 kg. This document is not applicable to trailer for transportation of passengers, usually children and for type of trailers which use fifth wheel for connecting to the front cycles as listed in the Table 1 in this document. Table 1 - Types of cycle trailers Type of trailer Applicability of this document Multi track single axle Applicable Multi track multi axle Applicable Single track with single axle or multi axle Not applicable Fifth wheel trailer with single axle or multi axle Not applicable Usage Cargo Applicable People/children/pet Not applicable NOTE Requirements and test methods for electrical assistance for electrically assisted cargo trailers are covered by prEN 17860-5:2023.

Keel: en
Alusdokumendid: prEN 17860-7

Arvamusküsitluse lõppkuupäev: 13.10.2023

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 12077-2

Cranes safety - Requirements for health and safety - Part 2: Limiting and indicating devices

This document specifies general requirements for limiting and indicating devices used in cranes. These devices restrict operation or provide operational information for the operator or other persons. Specific requirements for particular types of cranes are given in the appropriate European Standard for the particular crane type. This document does not cover erection, dismantling, or changing the configuration of a crane. The hazards covered by this document are identified in Annex A. This document is applicable to cranes which are manufactured after the date of approval by CEN of this document.

Keel: en
Alusdokumendid: prEN 12077-2

Asendab dokumenti: EVS-EN 12077-2:1999+A1:2008

Arvamusküsitluse lõppkuupäev: 13.10.2023

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 21135

Chemicals for the leather tanning industry - Determination of the total content of certain bisphenols (ISO/DIS 21135:2023)

This document specifies a method for the determination of the total content of certain bisphenols in chemicals used in the tanning industry

Keel: en
Alusdokumendid: ISO/DIS 21135; prEN ISO 21135

Arvamusküsitluse lõppkuupäev: 13.10.2023

61 RÕIVATÖÖSTUS

prEN ISO 16187

Footwear and footwear components - Test method to assess antibacterial activity (ISO/DIS 16187:2023)

This document specifies quantitative test methods to evaluate the antibacterial activity of footwear and components. This document is applicable to all types of footwear and components employing non-diffusing antibacterial treatments.

Keel: en
Alusdokumendid: ISO/DIS 16187; prEN ISO 16187
Asendab dokumenti: EVS-EN ISO 16187:2013

Arvamusküsitluse lõppkuupäev: 13.10.2023

65 PÕLLUMAJANDUS

EN 50636-2-107:2015/prA4:2023

Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers

Amendment to EN 50636-2-107:2015

Keel: en
Alusdokumendid: EN 50636-2-107:2015/prA4:2023
Muudab dokumenti: EVS-EN 50636-2-107:2015
Muudab dokumenti: EVS-EN 50636-2-107:2015+A1+A2+A3:2021

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-1

Circular design of fishing gear and aquaculture equipment - Part 1: general requirements and guidance

This document specifies the general requirements and provides the reader guidance, recommendations and requirements for changing from a linear economy to a circular one by focusing on the general principles of circular design for fishing gear and aquaculture equipment, situating them in the current context of the European circular economy. This document also specifies the stakeholders and their relationships with each other in a general context, as well as for the different parts of the series of standards to which this part belongs.

Keel: en
Alusdokumendid: prEN 17988-1

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-2

Circular design of fishing gear and aquaculture equipment - Part 2: User manual and labelling

This document specifies the requirements for the user manuals that accompany circular designed fishing gear and aquaculture equipment. The document provides general principles for a designer to determine the scope of the circular design of fishing gear and aquaculture equipment for a particular item of fishing gear or its components and to develop user manuals, lists of spare parts, and maps of locations where damaged fishing gear can be returned and prepared for reuse. The document specifies the requirements for gear/polymer labelling and marking, to ensure traceability of fishing gear components.

Keel: en
Alusdokumendid: prEN 17988-2

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-3

Circular design of fishing gear and aquaculture equipment - Part 3: Technical requirements

This document specifies the technical requirements for the circular design and recyclability of fishing gear and aquaculture equipment,containing plastic and which can be applied in the design and manufacturing of such gear. The requirements are related to the designand manufacturing of fishing gear, using the principals of the waste hierarchy and avoiding hazardous substances, to ensure that gearstays in use for as long as possible and sustainable endof life waste management is facilitated to enable reuse and recycling of materials.

Keel: en
Alusdokumendid: prEN 17988-3

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-4

Circular design of fishing gear and aquaculture equipment - Part 4: Environmental and circularity requirements and guidelines

This document specifies the environmental and circularity requirements for the components of fishing gear and aquaculture equipment which contain plastics. It will establish sustainability principles that minimize the negative impact of the plastic components of fishing gear and aquaculture equipment on the environment, taking into account the impact on its performance (e.g. catchability or life span). The circular and environmental design of fishing gear and aquaculture equipment focuses on: – selection/sourcing of materials – manufacture/assembly – placement/ installation/ deployment of the gear/ equipment – use and maintenance – end of life stage Transport, storage and distribution are taken into account at the different stages, where applicable. Excluded: Design aspects related to fishing or aquaculture techniques or management.

Keel: en
Alusdokumendid: prEN 17988-4

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-5

Circular design of fishing gear and aquaculture equipment - Part 5: Circular business model

This document lays out the requirements for organisations to establish, implement and maintain circular design of fishing gear and aquaculture equipment by integrating corresponding product requirements in their organisational procedures. The document will also incentivise new, innovative, circular business models. Opportunities for value retention and ‘second life’ of fishing gear and aquaculture equipment will be part of this document.

Keel: en
Alusdokumendid: prEN 17988-5

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 17988-6

Circular design of fishing gear and aquaculture equipment - Part 6 - Requirements and guidance for digitalization of information on gear and components

This document specifies requirements and guidance for the hardware and software for digitalization of product information of circular designed fishing gear and aquaculture equipment.

Keel: en
Alusdokumendid: prEN 17988-6

Arvamusküsitluse lõppkuupäev: 13.10.2023

67 TOIDUAINETE TEHNOLOOGIA

prEN 10334

Steel for packaging - Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption - Non-coated steel (blackplate)

This document specifies the maximum content for alloying and residual elements (see Table 1) present in steel (usually called blackplate) used in the manufacture of packaging and packaging components or for coated steel which, as a finished product, are intended for use in direct contact with foodstuffs, products and beverages for human and pet food. For such use blackplate is normally coated but can be used uncoated for some fatty or dry products. The main examples of use are: - tinplate and electrolytic chromium/chromium oxide coated steel for the manufacture of food and beverage cans ; - cans for conditioning foodstuffs (sugar, tea, cake, chocolate, pasta, etc.) ; - non-mineral oil drums, kegs, barrels. The choice of material should be appropriate for the conditions of use. This standard applies to cold-rolled strips in the form a coil or sheets. This standard does not apply to categories of steel other than steel for packaging intended for use in contact with foodstuffs, products or beverages for human or animal consumption.

Keel: en
Alusdokumendid: prEN 10334
Asendab dokumenti: EVS-EN 10334:2005

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 10335

Steel for packaging - Flat steel products intended for use in contact with foodstuffs, products or beverages for human and animal consumption - Non alloyed electrolytic chromium/chromium oxide coated steel

This document specifies the base steel to be used and the composition of the metallic coating to be used for the manufacture of lacquered electrolytic chromium/chromium oxide coated steel and articles which, as a finished product, are intended for use in direct contact with foodstuffs or products for human or animal consumption. The main examples of use are: - drinks cans, - food cans, - closures and ends. The material should be chosen in accordance with the conditions for its use. This standard does not apply to categories of steel other than steel for packaging intended for use in contact with foodstuffs, products or beverages for human consumption or animal consumption.

Keel: en
Alusdokumendid: prEN 10335
Asendab dokumenti: EVS-EN 10335:2005

Arvamusküsitluse lõppkuupäev: 13.10.2023

71 KEEMILINE TEHNOLOOGIA

prEN ISO 14912

Gas analysis - Conversion of gas mixture composition data (ISO/DIS 14912:2023)

ISO 14912:2003 defines the following quantities commonly used to express the composition of gas mixtures: mole fraction, mass fraction and volume fraction, as well as mole concentration, mass concentration and volume concentration. Relating to these quantities of composition, ISO 14912:2003 provides methods for the conversion between different quantities and the conversion between different state conditions. Conversion between different quantities means calculating the numerical value of an analyte content in terms of one of the quantities listed above from the numerical value of the same analyte content, at the same pressure and temperature of the gas mixture, given in terms of another of these quantities. Conversion between different state conditions means calculating the numerical value of an analyte content, in terms of one of the quantities listed above, under one set of state conditions from the numerical value of the same quantity under another set of state conditions, i.e. pressure and temperature, of the gas mixture. Gas mixture composition can be converted simultaneously between different quantities of composition and different state conditions by combination of the two types of conversion. ISO 14912:2003 is only applicable to homogeneous and stable gas mixtures. Therefore any state conditions (pressure and temperature) considered need to be well outside from the condensation region of the gas mixture and that of each of the specified analytes.

Keel: en
Alusdokumendid: ISO/DIS 14912; prEN ISO 14912
Asendab dokumenti: EVS-EN ISO 14912:2006
Asendab dokumenti: EVS-EN ISO 14912:2006/AC:2007

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN ISO 6143

Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures (ISO/DIS 6143:2023)

This International Standard provides methods for - determining the composition of a calibration gas mixture by comparison with appropriate reference gas mixtures, - calculating the uncertainty of the composition of a calibration gas mixture in relation to the known uncertainty of the composition of the reference gas mixtures with which it was compared, - checking the composition attributed to a calibration gas mixture by comparison with appropriate reference gas mixtures, - comparing the composition of several calibration gas mixtures, e.g. for the purpose of comparing different methods of gas mixture preparation, or for testing consistency among gas mixtures of closely related composition. NOTE In principle, the method described in this document is also applicable to the analysis of (largely) unknown samples instead of prospective calibration gas mixtures (i.e. gas mixtures which are intended for use as calibration gas mixtures). Such applications, however, require appropriate care and consideration of additional uncertainty components, for example concerning the effect of matrix differences between the reference gases used for calibration and the analysed sample.

Keel: en
Alusdokumendid: ISO/DIS 6143; prEN ISO 6143
Asendab dokumenti: EVS-EN ISO 6143:2006

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEVS-ISO 22734

Vee elektrolüüsi kasutavad vesinikugeneraatorid. Tööstuslikud, kaubanduslikud ja kodutarbija rakendused
Hydrogen generators using water electrolysis. Industrial, commercial, and residential applications (ISO 22734:2019, identical)

Käesolev dokument määratleb konstruktsiooni-, ohutus- ja jõudlusnõuded modulaarsete või tehases sobitatud vesinikgaasi tootmisseadmetele (edaspidi vesinikugeneraatorid), mis kasutavad elektrokeemilisi reaktsioone vesiniku tootmiseks vee elektrolüüsi teel. See dokument on kohaldatav vesinikugeneraatoritele, mis kasutavad järgmist tüüpi ioonide transpordikeskkondi: — aluste vesilahused; — hapete vesilahused; — tahked polümeersed materjalid, millele on lisatud happelisi funktsionaalrühmi, näiteks prootonvahetusmembraan (PEM); — tahked polümeersed materjalid, millele on lisatud aluselisi funktsionaalrühmi, näiteks anioonvahetusmembraan (AEM). Käesolev dokument kehtib vesinikugeneraatorite kohta, mis on mõeldud tööstuslikuks

ja kaubanduslikuks kasutuseks, samuti kasutamiseks kodutarbijale sise- ja välisoludes ilmastiku eest kaitstud oludes, nagu autovarjualused, garaažid, majapidamisruumid ja muud sarnased eluruumid. Vesinikugeneraatorid, mida saab kasutada ka elektri tootmiseks, näiteks pööratavad kütuseelemendid, ei kuulu selle dokumendi käsitlusalasse. Elamutele mõeldud vesinikugeneraatorid, mis pakuvad saadusena ka hapnikku, ei kuulu selle dokumendi käsitlusalasse.

Keel: en
Alusdokumendid: ISO 22734:2019

Arvamusküsitluse lõppkuupäev: 13.10.2023

75 NAFTA JA NAFTATEHNOLOOGIA

prEN 14125
Thermoplastic and flexible metal pipework for underground installation at petrol filling stations

This European Standard specifies requirements for underground pipework systems used to transfer liquid fuels and their vapours at petrol filling stations. Minimum performance requirements covering fitness for purpose, safety and environmental protection are given. This European Standard applies to pipework made from thermoplastics, which may include some degree of reinforcement, and to flexible metal pipework. It does not apply to fibre reinforced thermosets, commonly referred to as glass fibre reinforced plastic (GRP), nor to rigid metals. This document applies to: - delivery pipes from tanks to dispensers, including positive pressure, vacuum suction and siphon modes; - fill pipes from road tankers to tanks; - vapour recovery and vent pipework; - pipework for secondary containment; - fittings. It does not apply to pipework for use with liquefied petroleum gas.

Keel: en
Alusdokumendid: prEN 14125
Asendab dokumenti: EVS-EN 14125:2013

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 1860-1
Appliances, solid fuels and firelighters for barbecueing - Part 1: Barbecues burning solid fuels - Requirements and test methods

This document specifies requirements for materials, construction, design, test methods, markings and instructions relating to them. This document is applicable to barbecues which burn solid fuels, except single use barbecues. Barbecues which are intended to be converted from other fuels to solid fuels also should conform to this standard.

Keel: en
Alusdokumendid: prEN 1860-1
Asendab dokumenti: EVS-EN 1860-1:2013+A1:2017
Asendab dokumenti: EVS-EN 1860-1:2013+A1:2017/AC:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 50725
Specification for portable electrical apparatus designed to measure draught and gas pressure of heating appliances and systems

This document specifies the requirements and test methods concerning, in particular the construction, safety, and fitness for purpose, as well as the capability and marking of a hand-held battery powered pressure and leakage measurement instrument, hereafter referred to as "pressure meters", for gas pipework in buildings, gas pipes of appliances and draught in chimneys. NOTE Areas of application can be supply pressure of gas appliances, nozzle pressure of gas appliances (see relevant instruction manuals of gas appliances) as well as strength test, tightness test and fitness test of gas pipework as defined in EN 1775 and relevant national standards for gas pipework in buildings, and draught measurement in chimneys of heating appliances. This document covers pressure meters with the capability of - use with air, natural gas, liquid petroleum gas (LPG), hydrogen and mixtures of natural gas and hydrogen, - measuring pressure in units of bar, mbar, Pa, hPa, kPa, MPa, H20, mm H2O or PSI, - measuring leakage rate in l/h, - withstanding the every-day working environment encountered by installation and service engineers in domestic, commercial, or industrial premises. Such pressure meters might be capable of - being switchable between units by the user, - storing and/or transmitting said measurements to a remote user.

Keel: en
Alusdokumendid: prEN 50725

Arvamusküsitluse lõppkuupäev: 13.10.2023

77 METALLURGIA

prEN 10205
Cold reduced tinmill products - Blackplate

This European Standard specifies requirements for blackplate product in the form of coils intended for direct use and mostly for the production of tinplate, electrolytically chromium / chromium oxide plate (ECCS) and electrolytically zinc coated plate. Blackplate is specified in nominal thicknesses that are multiples of 0,005 mm from typical 0,10 mm up to 0,60mm. This European Standard applies to coils in nominal minimum widths of 600 mm. In addition to this standard the general technical delivery conditions of EN 10021 apply. NOTE Standard width coils for specific uses, e.g. tab stock, can be slit into narrow strip for supply in coil form.

Keel: en

Alusdokumendid: prEN 10205
Asendab dokumenti: EVS-EN 10205:2016

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 10334

Steel for packaging - Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption - Non-coated steel (blackplate)

This document specifies the maximum content for alloying and residual elements (see Table 1) present in steel (usually called blackplate) used in the manufacture of packaging and packaging components or for coated steel which, as a finished product, are intended for use in direct contact with foodstuffs, products and beverages for human and pet food. For such use blackplate is normally coated but can be used uncoated for some fatty or dry products. The main examples of use are: - tinplate and electrolytic chromium/chromium oxide coated steel for the manufacture of food and beverage cans ; - cans for conditioning foodstuffs (sugar, tea, cake, chocolate, pasta, etc.) ; - non-mineral oil drums, kegs, barrels. The choice of material should be appropriate for the conditions of use. This standard applies to cold-rolled strips in the form a coil or sheets. This standard does not apply to categories of steel other than steel for packaging intended for use in contact with foodstuffs, products or beverages for human or animal consumption.

Keel: en
Alusdokumendid: prEN 10334
Asendab dokumenti: EVS-EN 10334:2005

Arvamusküsitluse lõppkuupäev: 13.10.2023

prEN 10335

Steel for packaging - Flat steel products intended for use in contact with foodstuffs, products or beverages for human and animal consumption - Non alloyed electrolytic chromium/chromium oxide coated steel

This document specifies the base steel to be used and the composition of the metallic coating to be used for the manufacture of lacquered electrolytic chromium/chromium oxide coated steel and articles which, as a finished product, are intended for use in direct contact with foodstuffs or products for human or animal consumption. The main examples of use are: - drinks cans, - food cans, - closures and ends. The material should be chosen in accordance with the conditions for its use. This standard does not apply to categories of steel other than steel for packaging intended for use in contact with foodstuffs, products or beverages for human consumption or animal consumption.

Keel: en
Alusdokumendid: prEN 10335
Asendab dokumenti: EVS-EN 10335:2005

Arvamusküsitluse lõppkuupäev: 13.10.2023

87 VÄRVIDE JA VÄRVAINETE TÖÖSTUS

prEN ISO 8028

Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO/DIS 8028:2023)

ISO 8028:2017 specifies the requirements for four types of hose and hose assemblies for use in airless paint spraying. The four types are differentiated by burst pressure and operating temperature, and can be constructed from rubber or plastic materials, or a combination of rubber and plastic material.

Keel: en
Alusdokumendid: ISO/DIS 8028; prEN ISO 8028
Asendab dokumenti: EVS-EN ISO 8028:2018

Arvamusküsitluse lõppkuupäev: 13.10.2023

97 OLME. MEELELAHUTUS. SPORT

prEN 1860-1

Appliances, solid fuels and firelighters for barbecueing - Part 1: Barbecues burning solid fuels - Requirements and test methods

This document specifies requirements for materials, construction, design, test methods, markings and instructions relating to them. This document is applicable to barbecues which burn solid fuels, except single use barbecues. Barbecues which are intended to be converted from other fuels to solid fuels also should conform to this standard.

Keel: en
Alusdokumendid: prEN 1860-1
Asendab dokumenti: EVS-EN 1860-1:2013+A1:2017
Asendab dokumenti: EVS-EN 1860-1:2013+A1:2017/AC:2017

Arvamusküsitluse lõppkuupäev: 13.10.2023

TÕLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 13535:2001

Väetised ja lubiained. Klassifikatsioon

Käesolev Euroopa standard kehtestab väetiste ja lubiainete klassifitseerimisskeemi.

Keel: et
Alusdokumendid: EN 13535:2001

Kommenteerimise lõppkuupäev: 13.09.2023

EVS-EN 15085-5:2023

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 5: Kontrollimine, katsetamine ja dokumenteerimine

Käesolev dokument määratleb: — keevisõmbluste kontrollimise ja katsetamise; — teostatavad purustavad ja mittepurustavad katsed; —vajalikud dokumendid, mis on vaja väljastada toodete vastavuse kinnitamiseks.

Keel: et
Alusdokumendid: EN 15085-5:2023

Kommenteerimise lõppkuupäev: 13.09.2023

EVS-EN ISO 14021:2016/A1:2021

Keskkonnamärgised ja -teatised. Isedeklareeritavad keskkonnaväited (II tüüpi keskkonnamärgistamine). Muudatus 1: süsinikujälg, süsinikneutraalne

Muudatus standardile EN ISO 14021:2016.

Keel: et
Alusdokumendid: ISO 14021:2016/Amd 1:2021; EN ISO 14021:2016/A1:2021

Kommenteerimise lõppkuupäev: 13.09.2023

prEVS-EN 15085-1

Raudteealased rakendused. Raudteeveeremi ja veeremidetailide keevitamine. Osa 1: Üldine

See dokument määratleb terminid raudteeveeremi ja nendega seotud komponentide keevitamise valdkonnas. See dokument on rakendatav kõikide koostude, alamkoostude või osade kohta, mis on keevitatud mis tahes keevitusprotsessiga, kas käsitsi, osaliselt mehhaniseeritud, täielikult mehhaniseeritud või automaatse keevitamise teel, nagu on määratletud standardis EN ISO 4063.

Keel: et
Alusdokumendid: EN 15085-1:2023

Kommenteerimise lõppkuupäev: 13.09.2023

prEVS-ISO 45002

Töötervishoiu ja tööohutuse juhtimissüsteemid. Üldised juhised ISO 45001:2018 rakendamiseks

Selles dokumendis antakse juhiseid töötervishoiu ja tööohutuse juhtimissüsteemi sisseseadmise, elluviimise, toimivana hoidmise ja järjepideva parendamise kohta, mis aitab organisatsioonidel vastata standardile ISO 45001:2018. MÄRKUS 1 Kuigi selles dokumendis esitatud juhised on kooskõlas ISO 45001:2018 töötervishoiu ja tööohutuse juhtimissüsteemi mudeliga, ei ole selle eesmärk anda tõlgendusi ISO 45001 nõuete kohta. MÄRKUS 2 Termin "peaks" kasutamine selles dokumendis ei nõrgenda ühtegi ISO 45001:2018 nõuet ega lisa uusi nõudeid. MÄRKUS 3 Enamiku selle dokumendi punktide puhul on esitatud tegelikud juhtumid selle kohta, kuidas eri tüüpi organisatsioonid on nõudeid rakendanud. Nende eesmärk ei ole soovitada ainukest või parimat viisi, vaid kirjeldada ühte viisi, kuidas organisatsioon seda tegi.

Keel: et
Alusdokumendid: ISO 45002:2023

Kommenteerimise lõppkuupäev: 13.09.2023

ALGUPÄRASTE STANDARDITE JA STANDARDILAADSETE DOKUMENTIDE KOOSTAMINE

Allpool on toodud teave eelmise EVS Teataja avaldamise järel Eesti Standardimis- ja Akrediteerimiskeskusele esitatud algupäraste standardite ja standardilaadsete dokumentide koostamis-, muutmis- ja uustöötlusettepanekute kohta, millega algatatakse Eesti algupärase dokumendi koostamise protsess.

Rohkem infot koostatava dokumendi kohta saab EVS-i standardiosakonnast: standardiosakond@evs.ee.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

prEVS JUHEND 2

Eesti standardi ja EVS-i standardilaadse dokumendi koostamine
Development of an Estonian Standard and of an EVS publication

See juhend käsitleb algupärase Eesti standardi ning tõlkemeetodil ülevõetava rahvusvahelise või Euroopa standardi koostamisettepaneku esitamist ja menetlemist, kavandi koostamist, arvamusküsitlust või kommenteerimist, kavandi heakskiitmist, kinnitamist, standardi avaldamist ja levitamist. Samuti käsitleb see EVS-i standardilaadsete dokumentide koostamist ning standardilaadsete dokumentide tõlkimist. Juhendis on toodud ka Eesti standardi muudatuste koostamise, uustöötluse ja tühistamise protseduurid. Juhend ei käsitle rahvusvahelise või Euroopa standardi ülevõtmist Eesti standardiks ümbertrüki meetodil või jõustumisteate meetodil.

Asendab dokumenti: EVS JUHEND 2:2018
Koostamisettepaneku esitaja: Standardiosakond

prEVS JUHEND 6

Standardimise tehnilise komitee ja projektkomitee asutamine ning töökord
Establishment and working procedures of standardisation technical committee and project committee

See juhend kehtestab nõuded Eesti Standardimis- ja Akrediteerimiskeskuse (edaspidi lühendatult EVS) juures registreeritud standardimise tehnilise komitee ja projektkomitee asutamisele, tegutsemisele ning tegevuse lõpetamisele.

Asendab dokumenti: EVS JUHEND 6:2021
Koostamisettepaneku esitaja: Standardiosakond

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 884:2017

Maagaasitorustik. Projekteerimise põhinõuded üle 16 baarise töörõhuga torustikele
Natural gas pipeline systems - Pipelines for maximum operating pressure over 16 bar - General requirements for design

Standard sätestab ühtsed projekteerimisnõuded üle 16 baarise töörõhuga gaasitorustikele, et tagada gaasitorustike ehitamisel torustike kasutuskindlus, inimeste ohutus, keskkonnakaitse ja õnnetusjuhtumite vältimine. Selle standardi ohutuskujade määramise meetodit võib kasutada olemasoleva üle 16 baarise töörõhuga gaasitorustiku lähedusse rajatavate ehitiste ohutuskujade arvutamisel, kui on uuritud olemasoleva torustiku tehnilist seisundit. Ohutuskuja määramisel varemehitatud üle 16 baarise töörõhuga gaasitorustikest tuleb lähtuda tehnilistest normidest ja standarditest, mida kasutati nende torustike ehitamisel.

Kehtima jätmise alus: EVS/TK 65 otsus 20.06.2023 2-5/35 ja teade pikendamisküsitlusest 03.07.2023 EVS Teatajas

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 10045-2:2000

Metallmaterjalid. Löökpaindeteim Charpy meetodil. Osa 2: Löökpendliga katsemasina taatlemine
Metallic materials - Charpy impact test - Part 2: Verification of the testing machine (pendulum impact)

Käesolev standard kehtib EN 10045-1 kohaselt Charpy meetodil löökteimimiseks kasutatavate löökpendliga katsemasinate taatlemise kohta. Standard näeb ette kaks taatlusmeetodit: otsene ja kaudne meetod.

Keel: en, et
Alusdokumendid: EN 10045-2:1992 + AC:1993
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 45544-4:2016

Workplace atmospheres - Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours - Part 4: Guide for selection, installation, use and maintenance

This European Standard gives guidance on the selection, installation, use and maintenance of electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours in workplace atmospheres. The primary purpose of such apparatus is to measure the concentration of a toxic gas or vapour in order to provide an exposure measurement and/or detection and warning of its presence. This European Standard is applicable to apparatus whose primary purpose is to provide an indication, alarm and/or other output function to give a warning of the presence of a toxic gas or vapour in the atmosphere and in some cases to initiate automatic or manual protective actions. It is applicable to apparatus in which the sensor automatically generates an electrical signal when gas is present. This European Standard is not applicable, but may provide useful information, for apparatus — used for the measurement of oxygen, — used only in laboratories for analysis or measurement, — used only for process measurement purposes, — used in car parks or tunnels (fixed apparatus only), — used in the domestic environment, — used in environmental air pollution monitoring, — used for the measurement of combustible gases and vapours related to the risk of explosion. It also does not apply to open-path (line of sight) area monitors. For apparatus used for sensing the presence of multiple gases, this European Standard applies only to the detection of toxic gas or vapour.

Keel: en
Alusdokumendid: EN 45544-4:2016
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 50195:2002

Code of practice for the safe use of fully enclosed askarel-filled electrical equipment

This Code of practice gives guidance to users of fully enclosed askarel-filled electrical equipment. National and Local Authorities regulations (if any) take priority. This Code of Practice is applicable to fully enclosed electrical equipment which is designated to be filled with askarels: i.e. askarel-filled electrical equipment. This Code of Practice is applicable to electrical equipment which contains more than five litres of askarels.

Keel: en
Alusdokumendid: EN 50195:1996
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 50216-1:2003

Power transformer and reactor fittings - Part 1: General

This European Standard covers the general conditions concerning accessories for oil immersed transformers and reactors.This document describes in particular: - General conditions of service. - Electrical characteristics of contacts. - Dynamic characteristics. - Mechanical/hydraulic (if applicable) construction. They are foreseen for stationary use in non-weather protected locations.

Keel: en
Alusdokumendid: EN 50216-1:2002
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 50588-2:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side - General requirements for transformers with rated power less than or equal to 3 150 kVA

EN 50588-2 covers, in conjunction with EN 50588-1, transformers under iii) and iv) above, up to 36 kV (the data from 24 kV to 36 kV are under consideration) and for transformers with rated power less than or equal to 3150kVA . Further documents exist which may be used by agreement between purchaser and manufacturer for cable boxes and enclosures. The dimensional requirements for cable boxes and protective enclosures are not enclosed in this document.

Keel: en
Alusdokumendid: EN 50588-2:2018
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 50588-3:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2

This European Standard specifies the requirements for cable boxes, Type 1, in which the cable cores are terminated. The cable boxes are suitable for use on transformers defined in EN 50588-2, “Transformers with Cable Boxes”, for side mounted or cover mounted use. The cable boxes are suitable for operation indoors and outdoors under environmental conditions specified in EN 50588-1. Important design and construction requirements of the cable boxes are given.

Keel: en
Alusdokumendid: EN 50588-3:2018
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 50588-4:2018

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2

Cable boxes described in this European Standard correspond to cable boxes Type 2 in EN 50588-2 and are suitable for assembly on the cover of oil-immersed distribution transformers meeting the requirements of EN 50588-2. Cable boxes are air-filled, metal- or non-metal enclosed, for high- and/or low-voltage connections in the following variations: 1.1 High-voltage side a) Connection directly to bushings; b) Connection via busbar system. 1.2 Low-voltage side a) Connection directly to bushings (maximum of four connectors per bushing); b) Connection via busbar system.

Keel: en
Alusdokumendid: EN 50588-4:2018
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN 62287-1:2017

Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques

IEC 62287-1:2017 specifies the minimum operational and performance requirements, methods of testing and required test results for Class B shipborne automatic identification system (AIS) equipment using carrier-sense time division multiple access (CSTDMA) techniques. This document takes into account other associated IEC International Standards and existing national standards, as applicable. It is applicable for AIS equipment used on craft that are not covered by the mandatory carriage requirement of AIS under SOLAS Chapter V. An AIS station intended to operate in receive-only mode is not considered a Class B shipborne mobile AIS station. This edition includes the following significant technical change with respect to the previous edition: in the synchronisation method, addition of a direct method for synchronisation from an internal UTC source.

Keel: en
Alusdokumendid: IEC 62287-1:2017; EN 62287-1:2017
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN ISO 8092-1:2000

Maanteesõidukid. Sõidukis olevate juhtmekimpude pistikühendused. Osa 1: Märgistused ühepooluselise pistikühenduse korral. Mõõtmed ja erinõuded
Road vehicles - Connections for on-board electrical wiring harnesses - Part 1: Tabs for single-pole connections - Dimensions and specific requirements

Käesolev ISO 8092 osa määrab kindlaks maanteesõidukites olevate elektrijuhtmete kimpude ühepooluseliste pistikühenduste märgistuste mõõtmed ja erinõuded; nimetatud ühenduse pistikut peab saama ühendada sellisesse pistikupesasse, mis toodud lisas A. See kehtib pistikühenduste kohta, mida sõidukile paigaldamise järel on ettenähtud lahti ühendada ainult remondi ja/või hoolduse otstarbeks.

Keel: en
Alusdokumendid: ISO 8092-1:1996; EN ISO 8092-1:1998
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN ISO 8092-2:2006

Maanteesõidukid. Sõidukis olevate juhtmekimpude pistikühendused. Osa 2: Määratlused, testimismeetodid ja põhiliste tööparameetrite nõuded
Road vehicles - Connections for on-board electrical wiring harnesses - Part 2: Definitions, test methods and general performance requirements

Käesolev ISO 8092 osa määrab kindlaks nõuded maanteesõidukites olevate elektrijuhtmete kimpude ühe- ja mitmepooluselisete pistikühenduste ning nende testimise meetodite ja põhiliste tööparameetrite kohta.

Keel: en
Alusdokumendid: ISO 8092-2:2005; EN ISO 8092-2:2005
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN ISO 8092-3:2000

Road vehicles - Connections for on-board electrical wiring harnesses - Part 3: Tabs for multi-pole connections - Dimensions and specific requirements

This part of ISO 8092 specifies dimensions for the tabs of multi-pole connctions and specific requirements, for on-board electrical wiring harnesses of road vehicles. It applies to connections designed to be disconnected after mounting in the vehicle for the purposes of repair and/or maintenance only

Keel: en
Alusdokumendid: ISO 8092-3:1996; EN ISO 8092-3:1999
Tühistamisküsitluse lõppkuupäev: 13.09.2023

EVS-EN ISO 8092-4:2000

Road vehicles - Connections for on-board electrical wiring harnesses - Part 4: Pins for single- amd multi-pole connections - Dimensions and specific requirements

This part of ISO 8092 specifies dimensions for the pins of single- and multi-pole connections and specific requirements for on-board electrical wiring harnesses of road vehicles. It applies to connections designed to be deconnected after mounting in the vehicle in the case of repair and/or maintenance only

Keel: en
Alusdokumendid: ISO 8092-4:1997; EN ISO 8092-4:1999
Tühistamisküsitluse lõppkuupäev: 13.09.2023

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Eesti Standardimis- ja Akrediteerimiskeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. Selliste teadete avaldamine võib olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samal ajal nii eesti- kui ka ingliskeelsena.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist. Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN 15287-1:2023

Chimneys - Design, installation and commissioning - Part 1: Chimneys and connecting flue pipes for non-room sealed combustion appliances

Eeldatav avaldamise aeg Eesti standardina 09.2023

EN 15287-2:2023

Chimneys - Design, installation and commissioning - Part 2: Chimneys and connecting flue pipes for room sealed combustion appliances

Eeldatav avaldamise aeg Eesti standardina 09.2023

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN ISO 11197:2019

Meditsiinilised varustusmoodulid
Medical supply units (ISO 11197:2019)

Standardi IEC 60601-1:2005+A1:2012 jaotis 1.1 on asendatud alljärgnevaga: See dokument on kohaldatav meditsiiniliste varustusmoodulite (edaspidi ka kui EM-seadmete) esmasele ohutusele ja olulistele toimimisnäitajatele. See dokument on kohaldatav meditsiinilistele varustusmoodulitele, mis on toodetud tehases või kokku pandud kohapeal; kaasa arvatud konsoolid ja muud kestad, mis on seotud patsiendi raviteenuste osutamisega. MÄRKUS 1 Osalist, kes paneb kohapeal kokku erinevaid patsiendi raviteenuste osutamiseks mõeldud komponente ühe kesta alla, nimetatakse meditsiinilise varustusmooduli tootjaks. Selle dokumendi käsitlusalasse kuuluvate EM-seadmete või EM-süsteemide sihtfunktsioonist tulenevaid ohte ei ole selle standardi erinõuete hulgas, välja arvatud standardi IEC 60601-1:2005+A1:2012 jaotistes 7.2.13 ja 8.4.1 (vt 201.1.4) toodu. MÄRKUS 2 Vt standardi IEC 60601-1:2005+A1:2012 jaotis 4.2.

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardimis- ja Akrediteerimiskeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EL-i õigusaktide kontekstis Euroopa Komisjoni standardimisettepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise kor-ral eeldatakse, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid, mis on nende standarditega hõlmatud, ning on üldjuhul kõige lihtsam viis tõendada õigusaktide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga õigusakti tekstist eraldi ning võib sellest tulenevalt erineda.

Lisainfo:
https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

- harmoneeritud standardi staatuse saanud Eesti standardid
- harmoneeritud standardi staatuses olevate Eesti standardite kohta avaldatud märkused ja hoiatused, mida tuleb standardite järgimisel arvestada
- harmoneeritud standardi staatuse kaotanud Eesti standardid

Info esitatakse vastavate õigusaktide kaupa.

Direktiiv 2006/42/EÜ
Masinad
(Rakendusotsus (EL) 2023/1586, EL Teataja L 194/45, 2. august 2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 1034-4:2021 Masinate ohutus. Ohutusnõuded paberivalmistus- ja viimistlusmasinate projekteerimisele ja ehitamisele. Osa 4: Purustusseadmed ja nende laadimissüsteemid	02.08.2023	EN 1034-4:2005+A1:2009	02.02.2025
EVS-EN 12012-4:2019+A1:2021 Kummi- ja plastitöötlusmasinad. Suurust vähendavad masinad. Osa 4: Ohutusnõuded paagutusseadmetele	02.08.2023	EN 12012-4:2006+A1:2008	02.02.2024
EVS-EN 12158-1:2021 Ehituse kaubatõstukid. Osa 1: Ligipääsetavate platvormidega tõstukid	02.08.2023	EN 12158-1:2000+A1:2010	
EVS-EN 12331:2021 Toidutöötlemismasinad. Hakkimismasinad. Ohutus- ja hügieeninõuded	02.08.2023	EN 12331:2003+A2:2010	02.02.2024
EVS-EN 12355:2022 Toidutöötlemismasinad. Puhastus-, nülgimis- ja kile-eemaldusmasinad. Ohutus- ja hügieeninõuded	02.08.2023	EN 12355:2003+A1:2010	02.02.2025
EVS-EN 12418:2021 Müüritise ja kivimaterjali lõikepingid tööobjektile. Ohutus	02.08.2023	EN 12418:2000+A1:2009	02.02.2025
EVS-EN 12453:2017+A1:2021 Tööstus-, kommerts- ning garaažiuksed ja -väravad. Masinkäitusega uste kasutusohutus. Nõuded ja katsemeetodid	02.08.2023		
EVS-EN 13001-3-5:2016+A1:2021 Kraanad. Üldine ehitus. Osa 3-5: Sepistatud konksude piirseisundid ja kõlblikkuse tõendamine	02.08.2023	EN 13001-3-5:2016	02.02.2025
EVS-EN 13617-1:2021 Mootorikütuse tanklad. Osa 1: Ohutusnõuded tankurite, annustite ja kaugjuhitavate pumpade koostule ja käitusele	02.08.2023	EN 13617-1:2012	02.02.2025
EVS-EN 13732:2022 Toidutöötlemismasinad. Piimajahutid farmides. Kasutus-, ohutus- ja hügieeninõuded	02.08.2023	EN 13732:2013	02.02.2025
EVS-EN 13862:2021 Põrandalõikemasinad. Ohutus	02.08.2023	EN 13862:2001+A1:2009	02.02.2025
EVS-EN 13870:2015+A1:2021 Toidutöötlemismasinad. Portsjoniteks lõikamise masinad. Ohutus- ja hügieeninõuded	02.08.2023	EN 13870:2015	02.02.2025
EVS-EN 13885:2022 Toidutöötlemismasinad. Sulgemismasinad. Ohutus- ja hügieeninõuded	02.08.2023	EN 13885:2005+A1:2010	02.02.2025

EVS-EN 15163-1:2022 Looduskivi kasutamise ja töötlemise masinad ja paigaldised. Ohutus. Osa 1: Nõuded transporditavatele teemanttraatsaagidele	02.08.2023	EN 15163:2008	02.02.2024
EVS-EN 15163-2:2022 Looduskivi kasutamise ja töötlemise masinad ja paigaldised. Ohutus. Osa 2: Nõuded transporditavatele teemanttraatsaagidele	02.08.2023	EN 15163:2008	02.02.2024
EVS-EN 15967:2022 Maksimaalse plahvatusrõhu ja gaaside ning aurude rõhu suurenemise maksimaalse kiiruse määramine	02.08.2023	EN 15967:2011	02.02.2025
EVS-EN 16228-1:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 1: Üldised nõuded	02.08.2023	EN 16228-1:2014	02.02.2025
EVS-EN 16228-2:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 2: Mobiilsed puurtornid tsiviil- ja geotehniliseks ehituseks, lahtiseks ja kinniseks kaevandamiseks	02.08.2023	EN 16228-2:2014	02.02.2025
EVS-EN 16228-3:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 3: Suundpuurimisseadmed	02.08.2023	EN 16228-3:2014	02.02.2025
EVS-EN 16228-4:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 4: vundamendirajamisseadmed	02.08.2023	EN 16228-4:2014	02.02.2025
EVS-EN 16228-5:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 5: Rakistusvaheseinte paigaldusseadmed	02.08.2023	EN 16228-5:2014	02.02.2025
EVS-EN 16228-6:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 6: Jugapuurimis-, pinnasvalu- ja injektsioonvaluseadmed	02.08.2023	EN 16228-6:2014	02.02.2025
EVS-EN 16228-7:2014+A1:2021 Vaiapaigaldus- ja vundamendirajamisseadmed. Ohutus. Osa 7: Vahetatavad abiseadmed	02.08.2023	EN 16228-7:2014	02.02.2025
EVS-EN 16517:2021 Põllumajandus- ja metsatöömasinad. Mobiilsed vintsid palgiveoks. Ohutus	02.08.2023		
EVS-EN 16952:2018+A1:2021 Põllumajandusmasinad. Maastikul kasutatavad tööplatvormid viljapuuaedadesse (WPO). Ohutus	02.08.2023	EN 16952:2018	02.02.2025
EVS-EN 17003:2021 Maanteesõidukid. Pidurite katsestendid sõidukitele, mille täismass ületab 3,5 tonni. Ohutusnõuded	02.08.2023		
EVS-EN 17088:2021 Külgseinte ventilatsioonisüsteemid. Ohutus	02.08.2023		
EVS-EN 17106-1:2021 Teehooldusmasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023		
EVS-EN 17106-2:2021 Teehooldusmasinad. Ohutus. Osa 2: Erinõuded teepinnapuhastusmasinatele	02.08.2023		
EVS-EN 17106-3-1:2021 Teehooldusmasinad. Ohutus. Osa 3-1: Talvise hoolduse masinad. Nõuded pöörlevate seadmetega puhastusmasinatele ja lumesahkadele	02.08.2023		
EVS-EN 17106-3-2:2021 Teehooldusmasinad. Ohutus. Osa 3-2: Talvise hoolduse masinad. Erinõuded puisturitele	02.08.2023		
EVS-EN 17106-4:2021 Teehooldusmasinad. Ohutus. Osa 4: Teemaa hoolduse masinad. Nõuded heina- ja võsalõikamismasinatele	02.08.2023		
EVS-EN 17281:2021 Ohutusnõuded. Sõidukite pesulaseadmed	02.08.2023		
EVS-EN 17348:2022 Plahvatusohtlikus keskkonnas kasutatavate tolmuimejate projekteerimise ja katsetamise nõuded	02.08.2023		
EVS-EN 17352:2022 Masinkäitusega jalakäijate sissepääsu kontrollseadmed. Kasutusohutus. Nõuded ja katsemeetodid	02.08.2023		
EVS-EN 17624:2022 Gaaside ja aurude plahvatuspiiride kindlaksmääramine kõrgendatud rõhul, kõrgendatud temperatuuril või muude oksüdeerijate kui õhuga	02.08.2023		

EVS-EN 280-1:2022 Liikurtõsteplatvormid. Osa 1: Konstruktsiooniarvutused. Stabiilsuskriteerium. Ehitus. Ohutus. Kontroll ja katsetamine	02.08.2023	EN 280:2013+A1:2015	02.02.2025
EVS-EN 280-2:2022 Liikurtõsteplatvormid. Osa 2: Täiendavad ohutusnõuded koorma tõsteseadmetele pikendataval tõstekonstruktsioonil ja tööplatvormil	02.08.2023		
EVS-EN 303-5:2021+A1:2022 Küttekatlad. Osa 5: Käsitsi ja automaatselt köetavad tahkekütusekatlad nimisoojustootlikkusega kuni 500 kW. Mõisted, nõuded, katsetamine ja märgistus	02.08.2023	EN 303-5:2021	02.02.2025
EVS-EN 415-3:2021 Pakkemasinate ohutus. Osa 3: Vormi-, täite- ja sulgemismasinad; täite- ja sulgemismasinad	02.08.2023	EN 415-3:1999+A1:2009	02.02.2025
EVS-EN 474-1:2022 Mullatöömasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023	EN 474-1:2006+A6:2019	02.02.2025
EVS-EN 474-10:2022 Mullatöömasinad. Ohutus. Osa 10: Kaevikumasinatele esitatavad nõuded	02.08.2023	EN 474-10:2006+A1:2009	02.02.2025
EVS-EN 474-11:2022 Mullatöömasinad. Ohutus. Osa 11: Mulla- ja jäätmetihendusmasinatele esitatavad nõuded	02.08.2023	EN 474-11:2006+A1:2008	02.02.2025
EVS-EN 474-12:2022 Mullatöömasinad. Ohutus. Osa 12: Tross-ekskavaatoritele esitatavad nõuded	02.08.2023	EN 474-12:2006+A1:2008	02.02.2025
EVS-EN 474-13:2022 Mullatöömasinad. Ohutus. Osa 13: Rullidele esitatavad nõuded	02.08.2023		
EVS-EN 474-2:2022 Mullatöömasinad. Ohutus. Osa 2: Buldooseritele esitatavad nõuded	02.08.2023	EN 474-2:2006+A1:2008	02.02.2025
EVS-EN 474-3:2022 Mullatöömasinad. Ohutus. Osa 3: Laaduritele esitatavad nõuded	02.08.2023	EN 474-3:2006+A1:2009	02.02.2025
EVS-EN 474-3:2022/AC:2022 Mullatöömasinad. Ohutus. Osa 3: Laaduritele esitatavad nõuded	02.08.2023		
EVS-EN 474-4:2022 Mullatöömasinad. Ohutus. Osa 4: Laadur-ekskavaatoritele esitatavad nõuded	02.08.2023	EN 474-4:2006+A2:2012	02.02.2025
EVS-EN 474-5:2022 Mullatöömasinad. Ohutus. Osa 5: Hüdraulilistele ekskavaatoritele esitatavad nõuded	02.08.2023	EN 474-5:2006+A3:2013	02.02.2025
EVS-EN 474-5:2022/AC:2022 Mullatöömasinad. Ohutus. Osa 5: Hüdraulilistele ekskavaatoritele esitatavad nõuded	02.08.2023		
EVS-EN 474-6:2022 Mullatöömasinad. Ohutus. Osa 6: Kalluritele esitatavad nõuded	02.08.2023	EN 474-6:2006+A1:2009	02.02.2025
EVS-EN 474-7:2022 Mullatöömasinad. Ohutus. Osa 7: Skreeperitele esitatavad nõuded	02.08.2023	EN 474-7:2006+A1:2009	02.02.2025
EVS-EN 474-8:2022 Mullatöömasinad. Ohutus. Osa 8: Greideritele esitatavad nõuded	02.08.2023	EN 474-8:2006+A1:2009	02.02.2025
EVS-EN 474-9:2022 Mullatöömasinad. Ohutus. Osa 9: Torupaigaldusmasinatele esitatavad nõuded	02.08.2023	EN 474-9:2006+A1:2009	02.02.2025
EVS-EN 528:2021+A1:2022 Rööbastel liikuvad virnastajad. Virnastajate ohutusnõuded	02.08.2023	EN 528:2008	02.02.2024
EVS-EN 619:2022 Pidevtoimega teisaldusseadmed ja -süsteemid. Ohutusnõuded kompaktkoormate mehaanilise käitlemise seadmetele	02.08.2023	EN 619:2002+A1:2010	02.02.2025
EVS-EN 620:2021 Pidevtoimelised teisaldusseadmed ja -süsteemid. Ohutusnõuded puistematerjalide kinnitatud lintkonveieritele	02.08.2023	EN 620:2002+A1:2010	02.02.2025
EVS-EN 62841-1:2015/A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023		

EVS-EN 62841-1:2015+A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023		
EVS-EN 62841-2-1:2018/A1:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele	02.08.2023		
EVS-EN 62841-2-1:2018/A12:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele	02.08.2023		
EVS-EN 62841-2-1:2018+A11+A1+A12:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-1: Erinõuded käeshoitavatele trellidele ja lööktrellidele	02.08.2023		
EVS-EN 62841-3-1:2014/A1:2021 Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Ohutus. Osa 3-1: Erinõuded ketassaepinkidele	02.08.2023		
EVS-EN 62841-3-1:2014/A12:2021 Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Ohutus. Osa 3-1: Erinõuded ketassaepinkidele	02.08.2023		
EVS-EN 62841-3-10:2015/A1:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-10: Erinõuded veetavatele lõikusmasinatele	02.08.2023		
EVS-EN 62841-3-10:2015/A12:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-10: Erinõuded veetavatele lõikusmasinatele	02.08.2023		
EVS-EN 62841-3-6:2014/A1:2022 Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Osa 3-6: Erinõuded vedeliksüsteemilistele teemantpuuridele	02.08.2023		
EVS-EN 62841-3-6:2014/A12:2022 Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Osa 3-6: Erinõuded vedeliksüsteemilistele teemantpuuridele	02.08.2023		
EVS-EN 62841-4-2:2019/A1:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-2: Erinõuded hekilõikuritele	02.08.2023		
EVS-EN 62841-4-2:2019/A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-2: Erinõuded hekilõikuritele	02.08.2023		
EVS-EN 62841-4-2:2019+A1+A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-2: Erinõuded hekilõikuritele	02.08.2023		
EVS-EN 703:2021 Põllumajandusmasinad. Ohutus. Silo laadimise, segamise ja/või tükeldus- ja jaotusmasinad	02.08.2023	EN 703:2004+A1:2009	02.02.2025
EVS-EN 746-3:2021 Tööstuslikud termotöötlusseadmed. Osa 3: Ohutusnõuded atmosfäärigaaside genereerimisel ja kasutamisel	02.08.2023	EN 746-3:1997+A1:2009	02.02.2025
EVS-EN IEC 60335-2-41:2021 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-41: Erinõuded pumpadele	02.08.2023		
EVS-EN IEC 60335-2-41:2021/A11:2021 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-41: Erinõuded pumpadele	02.08.2023		
EVS-EN IEC 60335-2-41:2021+A11:2021 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-41: Erinõuded pumpadele			

EVS-EN IEC 60335-2-89:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele	02.08.2023		
EVS-EN IEC 60335-2-89:2022/A11:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele	02.08.2023		
EVS-EN IEC 60335-2-89:2022+A11:2022 Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-89: Erinõuded kaubanduses kasutatavatele sisseehitatud või eraldiseisva külmaaine kondensaatori või kompressoriga külmaseadmetele	02.08.2023		
EVS-EN IEC 62841-2-3:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-3: Erinõuded käeshoitavatele lihvmasinatele, ketaslihvpinkidele ja poleerimisseadmetele	02.08.2023	EN 60745-2-3:2011; EN 60745-2-3:2011/A2:2013; EN 60745-2-3:2011/ A11:2014; EN 60745-2-3:2011/A12:2014; EN 60745-2-3:2011/A13:2015	02.02.2025
EVS-EN IEC 62841-2-3:2021/A11:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 2-3: Erinõuded käeshoitavatele lihvmasinatele, ketaslihvpinkidele ja poleerimisseadmetele	02.08.2023		
EVS-EN IEC 62841-3-5:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-5: Erinõuded transporditavatele lintsaagidele	02.08.2023		
EVS-EN IEC 62841-3-5:2022/A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-5: Erinõuded transporditavatele lintsaagidele	02.08.2023		
EVS-EN IEC 62841-3-5:2022+A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-5: Erinõuded transporditavatele lintsaagidele	02.08.2023		
EVS-EN IEC 62841-3-7:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-7: Erinõuded transporditavatele seinasaagidele	02.08.2023		
EVS-EN IEC 62841-3-7:2021/A11:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 3-7: Erinõuded transporditavatele seinasaagidele	02.08.2023		
EVS-EN IEC 62841-4-3:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-3: Erinõuded lükatavatele muruniidukitele	02.08.2023	EN 60335-2-77:2010	02.02.2025
EVS-EN IEC 62841-4-3:2021/A11:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-3: Erinõuded lükatavatele muruniidukitele	02.08.2023		
EVS-EN IEC 62841-4-5:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-5: Erinõuded murukääridele	02.08.2023		
EVS-EN IEC 62841-4-5:2021/A11:2021 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-5: Erinõuded murukääridele	02.08.2023		
EVS-EN IEC 62841-4-7:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-7: Erinõuded eeslükatavatele murukobestitele- ja õhutitele (aeraatorid)	02.08.2023		

EVS-EN IEC 62841-4-7:2022/A11:2022 Käeshoitavad elektrimootoriga tööriistad, transporditavad tööriistad ja muru- ning aiatöömasinad. Ohutus. Osa 4-7: Erinõuded eeslükatavatele murukobestitele- ja õhutitele (aeraatorid)	02.08.2023		
EVS-EN ISO 11680-1:2021 Metsatöömasinad. Mootoriga kõrglaasimissaagide ohutusnõuded ja katsetamine. Osa 1: Sisepõlemismootoriga varustatud masinad	02.08.2023	EN ISO 11680-1:2011	02.02.2025
EVS-EN ISO 11680-2:2021 Metsatöömasinad. Mootoriga kõrglaasimissaagide ohutusnõuded ja katsetamine. Osa 2: Seljal kantava jõuallikaga masinad	02.08.2023	EN ISO 11680-2:2011	02.02.2025
EVS-EN ISO 11681-1:2022 Metsatöömasinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 1: Hooldusraiel kasutatavad kettsaed	02.08.2023	EN ISO 11681-1:2011	02.02.2025
EVS-EN ISO 11681-2:2022 Metsatöömasinad. Kaasaskantavate kettsaagide ohutusnõuded ja katsetamine. Osa 2: Puude hooldamisel kasutatavad kettsaed	02.08.2023	EN ISO 11681-2:2011; EN ISO 11681-2:2011/A1:2017	02.02.2025
EVS-EN ISO 11806-1:2022 Põllumajandus- ja metsatöömasinad. Kaasaskantavate mootoriga käsivõsalõikurite ja käsimurutrimmerite ohutusnõuded ja katsetamine. Osa 1: Sisepõlemismootoriga varustatud masinad	02.08.2023	EN ISO 11806-1:2011	02.02.2025
EVS-EN ISO 11806-2:2022 Põllumajandus- ja metsatöömasinad. Kaasaskantavate mootoriga käsivõsalõikurite ja käsimurutrimmerite ohutusnõuded ja katsetamine. Osa 2: Seljal kantava jõuallikaga masinad	02.08.2023	EN ISO 11806-2:2011	02.02.2025
EVS-EN ISO 11850:2011/A2:2022 Metsatöömasinad. Üldised ohutusnõuded. Muudatus 2: Juurdepääs operaatori kabiinile ja hooldusplatvormile	02.08.2023		
EVS-EN ISO 11850:2011+A1+A2:2022 Metsatöömasinad. Üldised ohutusnõuded	02.08.2023		
EVS-EN ISO 18063-2:2021 Maastikusuutlikud laadurid. Katsed nähtavusele ja vastavuskontroll. Osa 2: Pöördmehhanismiga teleskooplaadurid	02.08.2023		
EVS-EN ISO 19085-14:2021 Puidutöötlemismasinad. Ohutus. Osa 14: Freesmasinad neljapoolseks töötluseks	02.08.2023	EN 12750:2013	02.02.2025
EVS-EN ISO 19085-15:2021 Puidutöötlemismasinad. Ohutus. Osa 15: Pressid	02.08.2023		
EVS-EN ISO 19085-16:2021 Puidutöötlemismasinad. Ohutus. Osa 16: Tislerilintsaed ja jaotuslintsaed	02.08.2023	EN 1807-1:2013	02.02.2025
EVS-EN ISO 19085-17:2021 Puidutöötlemismasinad. Ohutus. Osa 17: Kettfiidriga servapealistusmasinad	02.08.2023	EN ISO 18217:2015	02.02.2025
EVS-EN ISO 19085-2:2021 Puidutöötlemismasinad. Ohutus. Osa 2: Horisontaalasetusega ketassaed	02.08.2023	EN ISO 19085-2:2017	02.02.2025
EVS-EN ISO 19085-3:2021 Puidutöötlemismasinad. Ohutus. Osa 3: Arvjuhtimisega (NC/CNC) puurid ja profiilfreesid	02.08.2023	EN ISO 19085-3:2017	02.02.2025
EVS-EN ISO 19472-2:2022 Metsatöömasinad. Vintsid. Osa 2: Veojõuabi vintsid	02.08.2023		
EVS-EN ISO 22291:2022 Märgmeetodit kasutavate lausriidemasinate ohutusnõuded	02.08.2023		
EVS-EN ISO 22867:2021 Metsa- ja aiatöö masinad. Käeskantavate sisepõlemismootoriga masinate vibratsioonikatsete eeskirjad. Käepidemete vibratsiooni mõõtmine	02.08.2023	EN ISO 22867:2011	02.02.2025
EVS-EN ISO 23062:2022 Valukojamasinad. Vormi- ja kärnimasinate ning nende lisaseadmete ohutusnõuded	02.08.2023		
EVS-EN ISO 28881:2022 Tööpingid. Ohutus. Elektroerosioonmasinad	02.08.2023	EN ISO 28881:2013; EN ISO 28881:2013/AC:2013	02.02.2025

EVS-EN ISO 28927-1:2019 Kantavad käeshoitavad ajamiga tööriistad. Katsemeetodid vibratsiooni mõõtmiseks. Osa 1: Nurga- ja tasapinnalihvijad	02.08.2023	EN ISO 28927-1:2009; EN ISO 28927-1:2009/A1:2017	02.02.2025
EVS-EN ISO 28927-13:2022 Kantavad käeshoitavad ajamiga tööriistad. Katsemeetodid vibratsiooni mõõtmiseks. Osa 13: Kinnitusdetailide sisselöömise tööriistad	02.08.2023		
EVS-EN ISO 3691-6:2021 Tööstusveokid. Ohutusnõuded ja vastavuskontroll. Osa 6: Kauba- ja töötajate veokid	02.08.2023	EN ISO 3691-6:2015; EN ISO 3691-6:2015/AC:2016	02.02.2025
EVS-EN ISO 4254-1:2015/A1:2021 Põllumajandusmasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023		
EVS-EN ISO 4254-1:2015+A1:2021 Põllumajandusmasinad. Ohutus. Osa 1: Üldnõuded	02.08.2023		
EVS-EN ISO 4254-17:2022 Põllumajandusmasinad. Ohutus. Osa 17: Juurviljakombainid	02.08.2023		
EVS-EN ISO 4254-6:2020 Põllumajandusmasinad. Ohutus. Osa 6: Pritsid ja vedelväetise laotussüsteemid	02.08.2023	EN ISO 4254-6:2009; EN ISO 4254-6:2009/AC:2010	02.02.2025
EVS-EN ISO 4254-6:2020/A11:2021 Põllumajandusmasinad. Ohutus. Osa 6: Pritsid ja vedelväetise laotussüsteemid	02.08.2023		
EVS-EN ISO 4254-6:2020+A11:2021 Põllumajandusmasinad. Ohutus. Osa 6: Pritsid ja vedelväetise laotussüsteemid	02.08.2023		
EVS-EN ISO 8528-10:2022 Sisepõlemis-kolbmootoriga vahelduvvoolugeneraatorid. Osa 10: Õhumüra mõõtmine	02.08.2023		

Direktiiv 2014/34/EL
Plahvatusohtliku keskkonna seadmed ja kaitsesüsteemid
(Rakendusotsus (EL) 2023/1587, EL Teataja L 194/135, 2. august 2023)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 50104:2019 Hapniku avastamise ja mõõtmise elektriseadmed. Toimivusnõuded ja katsetamismeetodid	02.08.2023	EN 50104:2010	02.02.2025
EVS-EN 50104:2019/A1:2023 Hapniku avastamise ja mõõtmise elektriseadmed. Toimivusnõuded ja katsetamismeetodid	02.08.2023		02.02.2025